# FIVE-FIGURE MATHEMATICAL TABLES

CONSISTING OF

LOGS AND COLOGS OF NUMBERS FROM 1 TO 40,000 ILLOGS (ANTILOGS) OF NUMBERS FROM 0000 TO 9999 LOLOGS (LOGS OF LOGS) OF NUMBERS FROM 0.00100 TO 1,000 ILLOLOGS (ANTILOLOGS) OF NUMBERS FROM 6.0 TO 0.5000

Together with an Explanatory Introduction and Numerous Examples

ALSO,

TRIGONOMETRICAL FUNCTIONS AND THEIR LOGS OF ANGLES FROM 0"-90"
AT INTERVALS OF 1 MINUTE

With Subsidiary Tables

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## CONTENTS.

_											•	PAGE
PREFACE	•	•	•	•	•	. '	•	•	•	•	•	111
Introduction .	•				•		•		•	•	•	٧
Logs				•	•						•	1
Cologs			•					•		•		75
ILLOGS (ANTILOGS	) .		•									149
Lologs (Logs of	Logs)											171
ILLOLOGS (ANTILO	rogs)									•		209
TRIGONOMETRICAL	Funor	RIONS	VMD	THEIR	Logs	з.	•		•			221
Useful Numbers	ana)	Convi	RSION	FAC	TORS	AND	THEIR	Locs		•		320

For Corrigenda, see page 220.

#### PREFACE.

The genius and labours of Napier, Briggs, and Vlacq during the early part of the seventeenth century resulted in the production of what may perhaps be termed the most wonderful piece of work in the whole history of Mathematics—namely, a Table of Logarithms.

At that period the only Mathematical Sciences were Astronomy, Navigation, and Surveying. In these the new tables could be used to reduce the necessary calculations to the simplest possible form—that is to say, Addition and Subtraction were substituted for Multiplication and Division. It has been well said that the invention of logarithms has added years to the life of the astronomer.

For two hundred years, roughly speaking, it is probable that no one found these tables inadequate for the calculation of any problem contemplated by contemporary In the nineteenth century, however, other sciences -notably Electricity and Thermo-Dynamics-became mathematical; and one fundamental difference between the new sciences and the old is that whereas, in the latter, numbers had only to be raised to simple powers-merely squared in the majority of casesfractional indices occur in all branches of the former. Consequently, it cannot be said that the tables of three hundred years ago reduce the calculations of to-day to the simplest possible form. Their defect is that processes of Involution and Evolution are somewhat tedious with any but the simplest indices; whereas, by the use of tables adapted to the processes in question, modern calculations can also be reduced to the simplest form. The lolog and illolog tables now published for the first time are intended to accomplish for the modern scientist what the original logarithm tables did for the scientist of the seventeenth century, although they are but an obvious development of Napier's unparalleled work.

The compilation of such tables was decided upon because of the great assistance they would give to the author in his own work. Their publication is due to a firm conviction that many scientists and others will find them equally useful.

It may be well to point out that the calculations of modern Experimental Science are all based on Measurement. In the great majority of cases measurement of length is necessary, and this can only be carried out with great accuracy if the most refined methods are employed. As we necessarily start from data of limited accuracy, the Theory of Error must be employed to find to what extent the result can be relied on. The number of figures that can justifiably be retained in a result is quite small, even though the ordinary processes of arithmetic might, in some cases, give an infinite number. It is for this reason that the Engineer and the Applied Scientist make use of logarithm tables to but few decimal places; in fact, as few as will emble the results to be as accurate as the data allow. The advantage of tables to few places is not only that fewer figures have to be written down, added, or subtracted, but there is less page-turning in finding values. These remarks have been made in explanation of the comparatively small number of figures in some of the tables in this book, which might

cause the Pure Mathematician to doubt their sufficiency. The number of figures given is thought to be sufficient to meet almost all the requirements of many branches of Applied Science. If it should be found that the present tables are inadequate in any respect, no pains will be spared to augment them.

It seems a matter for some regret that Napier gave his new function such an awkward name, the last three letters of its anglicised form being quite This arrangement of letters cannot be justified etymologically, unpronounceable. because in the Greek word ἀριθμός there is a syllabic division in the middle of the three consonants complained of. In addition to its being unpronounceable, the word is too long for repeated use. Most users of logarithms realise this, and avoid Since this contraction is already in general the difficulty by calling them 'Logs.' use, and very suitable as the basis of a systematic series of names, it is proposed that the word 'log' should be regularised, and freed from any taint of slung. is next proposed that the log of the log of a number should be called the 'Lolog' Again, to facilitate the finding of results, the scientist very of that number. often employs tables in which the log is the argument. These tables have been somewhat clumsily called 'Anti-logarithm Tables.' In this book it is proposed to adopt the systematic name 'Illog,' which may be regarded as a contracted form of 'Anti-log,' In order to make the lolog tables as convenient as possible to use, they are accompanied by their inverse tables, which, to conform to the old nomenclature, should be called 'Anti-anti-logarithms' or 'Anti-lologs;' but it is proposed that they should be called 'Illologs.' We thus have two pairs of names—Logs and Lologs, Illogs and Illologs. These names will not, of course, carry their meaning on the surface, but will strongly suggest it to those to whom the terms have once been defined.

In constructing the tables, the utmost care has been taken to make them reliable—a very difficult matter, owing to the fact that the lolog of unity is infinite. It was somewhat disconcerting to observe the erratic variation of the lolog differences, which was traced to the approximate last figure of seven-figure logs. Nowhere in the calculation of the tables have less than seven-figure logs been used; for a large portion of them eight figures were employed, and in the neighbourhood of unity ten figures. The number of figures to which the calculated values have been reduced for publication represents greater accuracy on the whole, it is thought, than can be obtained when performing Involution and Evolution in the ordinary way with seven-figure logs, even though one deludes one's self that one has a six-figure result.

In an entirely new work it is, of course, quite impossible to foresee exactly the best arrangement and the magnitude of the intervals at which values should be given. The author, therefore, will be greatly indebted to any one, having actually used the new tables, who will favour him with suggestions for their improvement.

The tables of Logs, Cologs, Illogs, Trigonometrical Functions and their Logs have been added in order to make the book complete in itself. The unusual arrangement of these tables has been adopted with a view to convenience in use, and the intervals have been made sufficiently small to reduce interpolation to a minimum.

#### INTRODUCTION.

#### I. LOGS.

THE log of a number is the index to which another number, called the base, must be raised in order to be equal to the original number.

Thus, if An = C, B is the log of C to the base A. This is sometimes written:

If AB C and AD = E, then B slogA C and D slogA E.

Now  $C \times E = A^B \times A^D = A^{B+D}$ , therefore  $B + D = \log_A (C \times E)$ .

But B. slogA C and D. logA E, therefore logA (CE) logA C i logA E.

Hence, if a table is constructed, giving the logs of all numbers, it can be used to simplify multiplication. To multiply C by E, their logs must first be found in the table and then added. The sum so obtained is the log of the desired result, which can be found from the same table.

Suppose that instead of the product, the quotient  $\frac{C}{E}$  is required.

$$Now \stackrel{C}{E} = \frac{A^n}{A^n} = A^{n+n}, \text{ therefore } B \in D = \log_A \left( \frac{C}{E} \right), \text{ or } \log_A \left( \frac{C}{E} \right) = \log_A C + \log_A E$$

Hence, to find the quotient C subtract the log of E from the log of C, and the difference is the log of the desired result, which can then be found from the table

If it is required to find the value of Co, a somewhat similar method can be used.

$$G_{u} \sim (V_B)_u \sim V_{uB}^{-1}$$

therefore

or

Again, to find the value of  $\sqrt[n]{C}$ :

This is in the same form as the previous case considered, from which it follows that

$$\log_A C^{\frac{1}{n}} \circ \frac{1}{n} \circ \log_A C \circ \log_A \overset{n}{\sim} C.$$

From these four examples of the simple arithmetical processes, it will be seen that a table of logs can be used to simplify multiplication and division to selfition and subtraction; and involution and evolution to multiplication and division.

Apart from practical convenience, a table of logs to any base would answer the purpose, but there are two distinct advantages gained by using 10 as the base. One advantage is that the first figure of any log can be written down at once without using the table, for :----

(*Note.*—It is unnecessary to specify the base every time. Log N is taken to mean  $\log_{10}$  N, unless the contrary is stated.)

From this it is seen that the logs of the powers of the base are integers, and therefore the intermediate numbers, whether integral or fractional, will have logs consisting of integers and fractions. These fractions cannot be completely expressed by any finite number of figures, but for all practical purposes a few figures only will suffice. Very great accuracy can be obtained by using logs to ten decimal places; on the other hand, for certain calculations and for plotting, four figures are sometimes sufficient. The five-place tables in this book are accurate enough for the ordinary calculations of the engineer and scientist.

As an example of the ease with which the first figure of a log may be written down, consider the log of 16. This number lies between 10 and 100, therefore its log to the base 10 lies between 1 and 2—that is to say, its first figure is 1. Again, 0.016 lies between 0.01 and 0.1, therefore its log lies between -1 and -2; or, in other words, its first figure is -1. The other advantage which results from using 10 as the base of a table of logs is that all numbers composed of the same sequence of digits, but differing in the position of the decimal point, have the same logs with the exception of the first figure. This can be demonstrated most clearly by considering a numerical example:—

```
\begin{array}{c} \log \ 16 = 1 \cdot 20412 \\ \log \ 160 & = \log \ 16 + \log \ 10 \\ = 1 \cdot 20412 + 1 = 2 \cdot 20412 \\ \log \ 1600 & = \log \ 16 + \log \ 100 \\ = 1 \cdot 20412 + 2 = 3 \cdot 20412 \\ \log \ 16000 = \log \ 16 + \log \ 1000 = 1 \cdot 20412 + 3 = 4 \cdot 20412 \\ \&c. & \&c. \\ \log \ 1 \cdot 6 & = \log \ 16 - \log \ 10 \\ = 1 \cdot 20412 - 1 = 0 \cdot 20412 \\ \log \ 0 \cdot 16 & = \log \ 16 - \log \ 100 \\ = 1 \cdot 20412 - 2 = -0 \cdot 79588 \\ \log \ 0 \cdot 016 & = \log \ 16 - \log \ 1000 \\ = 1 \cdot 20412 - 3 = -1 \cdot 79588 \\ \log \ 0 \cdot 0016 = \log \ 16 - \log \ 10000 \\ = 1 \cdot 20412 - 4 = -2 \cdot 79588 \\ \end{array}
```

The last three values seem to contradict the statement made above that the logs of all numbers having the same sequence of digits are the same, with the exception of the first figure; but this apparent contradiction can be removed by means of a very simple device. It will be seen that the logs of numbers less than unity are negative. These can be made partly negative and partly positive by adding unity to the negative fractional part, and subtracting unity from the negative integral part. The resulting value will be unchanged, but the integral part will be negative and the fractional part positive. To represent the fact that the integer alone is negative, the minus sign is written above it. If this simple operation is performed in the three cases above, the series would be as follows:—

```
log 16000 =4·20412
log 1600 =3·20412
log 160 =2·20412
log 16 =1·20412
log 0·16 =1·20412
log 0·16 =1·20412
log 0·016 =2·20412
log 0·0016 =3·20412'
&c.
```

From this it is seen that the first figure, which alone varies, is always to the left of the decimal point, so that the fractional part is unchanged. The integral part of a log is called its characteristic, and the fractional part is called its mantissa.

It should now be clear that the characteristic can always be determined from the position of the decimal point of a number. The rules are as follows:—

If the number is greater than unity, the characteristic is positive, and is one less than the number of digits to the left of the decimal point.

If the number is less than unity, the characteristic is negative, and is one more than the number of ciphers between the decimal point and the first significant digit.

Thus :--

log 63 = 1.79934 log 6.3 = 0.79934 log 0.63 = 1.79934 log 0.0063 = 8.79934

Owing to this property, log tables to the base 10 only contain the mantissae of digit-sequences. If the position of the decimal point is known, the digit sequence becomes a number with a definite characteristic, which, prefixed to the tabular mantissa, gives the log of the number. For this reason the tables are, to all intents and purposes, unlimited in extent.

To find logs of numbers from the tables on pages 1-73:

If the number contains one or two digits only, the log will be found on page 1, complete with the characteristic for the number as printed.

If the number contains three digits, of which the first significant one on the left is less than 4, its mantissa only will be found in the columns headed 0 on pages 2-61, opposite to the three digits printed in full, with a final 0 in addition, in the column headed No. To make the pages more agreeable to the eye, the first two figures of the mantissae are only printed the first time they occur at the beginning of a row, but must be read before all the succeeding values until the next mantissa is printed in full.

The arrangement on pages 62.73 is slightly different, owing to the fact that the interval at which the mantissae are given is increased tenfold. If the first significant digit on the left is greater than 4, the three digits will be found in the column headed No., but only every tenth number is printed in full. The corresponding mantissa is given in the column headed 0. A few examples will make these points clear:—

If the number contains four digits, of which the first significant one on the left is less than 4, its mantissa only will be found in the columns headed 0 on pages 2 61, appealte to the four digits in question in the column headed 0, but only every tenth number is printed in full.

If the first significant digit on the left is greater than 4, the first three digits of the number will be found in the column headed No., and the finger must then traverse the page horizontally until it reaches the column headed by the fourth digit; the three figures found by this means are the last three figures of the required mantissa. The first two figures are found to the left of the column headed 0. The two figures first above the line concerned should always be taken, unless the three last figures already mentioned are preceded by an asterisk. In this case, the two figures at the beginning of the next line below must be taken.

#### EXAMPLES.

log 15-85 = 1-20003 log 2-691 = 0-42991 log 0-4943 = 1-69399 log 776-2 = 2-88997 log 7763 = 3-89003 log 8-918 = 0-95027 If the number contains five digits, of which the first significant one on the left is less than 4, the mantissa will be found in a similar way to that just described for a four-digit number, of which the first significant one is greater than 4. In this case, however, it is the fifth digit which determines the column. The meaning of the asterisk is as before.

#### EXAMPLES.

log 11.765 = 1.07059 log 1.7782 = 0.24998 $log 0.17783 = \overline{1.25001}$ 

If the first significant digit on the left is greater than 4, the mantissa for the first four digits must be found from the table in the way previously described, and an approximate allowance must be made for the fifth digit by adding on a proportional part (P.P.) of the difference between the tabulated mantissae next above and below the required mantissae. To find the value of the correction, subtract these two mantissae, and the difference will be found at the head of a small table in the column headed P.P. at the right-hand side of the page. In this small table, find the fifth digit of the number in the left-hand column, and opposite to it, in the right-hand column, is the amount to be added to the smaller of the two mantissae referred to. To facilitate the subtraction of the mantissae, the column headed D. gives the difference between the last value on one line and the first on the next line.

#### EXAMPLES.

log 40.593 = 1.60845 log 5.3797 = 0.73076 log 669.44 = 2.82571 log 7766.8 = 3.89024 log 89132 = 4.95003

If the number contains more than five digits, a further allowance might be made in a similar way; but, speaking generally, if such accurate numbers are to be used, five figure logs are scarcely adequate.

#### II.-COLOGS.

The colog of a number is the remainder after subtracting its log from zero, the mantissa being made positive. It is therefore the log of the reciprocal of the number, for:—

$$\log \frac{1}{N} = \log 1 - \log N = 0 - \log N.$$
$$\log \frac{1}{N} = \operatorname{colog} N = -\log N.$$

That is,

Cologs have no properties different from those of logs, but they enable division to be carried out by addition, since the addition of a colog is the same as the subtraction of a log.

The table is used in almost the same way as the log table, with two exceptions. One exception is that the proportional parts must be subtracted from the greater of the two mantissae between which the required mantissa lies. This is due to the fact that the cologs decrease as the numbers increase. A note at the foot of every page removes all uncertainty as to whether the proportional parts are to be added or subtracted. The other exception is the value of the characteristic. The following rules can easily be verified:—

If the number is unity or 10 raised to any positive integral index, the characteristic is negative, and is one less than the number of digits.

If the number is 10 raised to any negative integral index, the characteristic is positive, and is one more than the number of ciphers between the decimal point and the significant unit.

If the number is less than unity, but not an integral power of 10, the characteristic is positive, and is equal to the number of ciphers between the decimal point and the first significant digit.

If the number is greater than unity, but not an integral power of 10, the characteristic is negative, and is equal to the number of digits to the left of the decimal point.

#### EXAMPLES.

colog 0.0001 = 4.00000	$\mathbf{colog} \ 1.48 \qquad = \overline{1}.82974$
$colog \ 0.001 = 3.00000$	$colog 10.2 = \overline{2}.99140$
$colog \ 0.01 = 2.00000$	$colog \ 0.1776 = 0.75056$
colog 0.1 = 1.00000	$colog 1978.4 = \overline{4}.70369$
colog 1.0 = 0.00000	$colog \ 0.0021877 = 2.66001$
$colog 10.0 = \overline{1}.00000$	$colog \ 0.021878 = 1.65999$
$\operatorname{colog} 100.0 = \overline{2}.00000$	$colog 523.6 = \overline{3}.28100$
$\mathbf{colog}\ 1000 \cdot 0 = \mathbf{\overline{3}} \cdot 00000$	$\operatorname{colog} 75.85 = \overline{2}.12004$
	$\operatorname{colog} 7.5856 = \overline{1}.12001$
&c.	$colog \ 0.7586 = 0.11999$

#### III.-ILLOGS.

The illog of a number is another number of which the given number is the log. Thus, if  $A = \log B$ , then B = illog A.

The table of illogs is used for finding results, as it will be remembered that the sum of the logs of two numbers, for example, is not the product of the two numbers, but the log of the product. The required product will therefore be the illog of the sum of the two logs. This table is used in almost the same way as the preceding tables, with the very important difference that the mantissa alone is to be used for entering the table, and the characteristic is only to be used to fix the position of the decimal point, the rules for which are the same as for logs. As stated on each page of this table, the proportional parts are to be added.

#### EXAMPLES.

```
\begin{array}{ll} \text{illog } 2.09243 = 123.717 \\ \text{illog } \overline{1}.27541 = & 0.188542 \\ \text{illog } 0.38076 = & 2.40304 \\ \text{illog } 1.77862 = & 60.0648 \\ \end{array}
```

It has been shown above that the four arithmetical processes of multiplication, division, involution, and evolution can be simplified by the use of logs. It is more convenient, however, to use logs and cologs for division; and other functions, yet to be described, for involution and evolution.

Some examples of multiplication and division are given below:-

```
To multiply 1.6732 by 42.363,
```

```
\log 1.6732 = 0.22355 

\log 42.363 = 1.62699 

illog 1.85054 = 70.8827
```

```
To multiply 964 by 0.003276, 9644 \log \frac{967}{967} = 2.98408 \log 0.003276 = \overline{3.51534} \operatorname{illog} 0.49942 = 3.15806
```

To divide 90.752 by 6.1251,

```
\begin{array}{c} \log 90.752 = 1.95786 \\ \text{colog } 6.1251 = \overline{1.21288} \\ \text{illog } \overline{1.17074} = 14.8163 \end{array}
```

To divide 232.46 by 4673.4,

 $\log 232.46 = 2.36635$   $\operatorname{colog} 4673.4 = \overline{4.33036}$   $\operatorname{illog} \overline{2.69671} = 0.0497405$ 

To divide 3.942 by 0.00762,

 $\begin{array}{c} \log 3.942 = 0.59572 \\ \operatorname{colog} 0.00762 = \underline{2.11805} \\ \operatorname{illog} \ \underline{2.71377} = 517.333 \end{array}$ 

To evaluate  $\frac{1 \cdot 6732 \times 42 \cdot 363 \times 964 \times 0 \cdot 003276}{6 \cdot 1251 \times 4673 \cdot 4 \times 0 \cdot 00762}$ 

 $\begin{array}{rcl} \log 1.6732 & = 0.22355 \\ \log 42.363 & = 1.66699 \\ \log 964 & = 2.98408 \\ \log 0.003276 = \overline{3}.51534 \\ \operatorname{colog} 6.1251 & = \overline{1}.21288 \\ \operatorname{colog} 4673.4 & = \overline{4}.33036 \\ \operatorname{colog} 0.00762 & = \underline{2}.11805 \\ & \text{illog} 0.01126 & = 1.0269 \end{array}$ 

illog 0.01126 = 1.02624

#### IV.-LOLOGS AND ILLOLOGS.

If it is required to evaluate C<sup>n</sup>, it has been shown above that

$$\log (C^n) = n \times \log C$$
.

If n is a simple number, it is not very troublesome to multiply the value of  $\log C$  taken rom the tables by n; but if, as often happens, n is a number of several digits, it will be nore economical of time to carry out the multiplication by means of logs. Taking  $\log n$  once more:—

$$\log \{\log (C^n)\} = \log n + \log (\log C)$$
.

The log of the log of a number is called its lolog, so that the above relation may be written thus:—

$$\log (C^n) = \log n + \log C$$
.

If it is required to evaluate  $\sqrt[n]{C}$ , it has been shown that

$$\log \sqrt[n]{\overline{C}} = \frac{1}{n} \times \log C.$$

Taking logs once more :-

or

$$\log (\log \sqrt[n]{C}) = \operatorname{colog} n + \log (\log C),$$
$$\operatorname{lolog} (\sqrt[n]{C}) = \operatorname{colog} n + \operatorname{lolog} C.$$

By such procedure, the processes of involution and evolution are reduced to addition, but two separate references to the tables are required for each lolog. Much time can be saved by using a table which gives the log of the log of a number directly, also by using a table which gives the illog of the illog of a number directly. These tables are called lolog and illolog tables respectively.

The illolog of a number is the number of which the given number is the lolog. Thus, if A=lolog C, then C=illolog A.

It is helpful to remember that:-

- (1) The illog of the log or w number is one number itself.
- (2) The illolog of the lolog of a number is the number itself.
- (3) The illog of the lolog of a number is the log of the number.

```
This will be less obscure if represented in symbols:—

If 10^{A}=B, and 10^{B}=C, then C=10^{10^{A}}.

Now \log B=A or B=illog A,
and \log C=B or C=illog B,
therefore A=\log B=illolog C,
or C=illog B=illolog A.
```

For the reason previously stated, the mantissae only are given in ordinary log tables, the characteristic being supplied by inspection. For the same reason, a table of illogs is entered with the mantissa only; the characteristic merely determines the position of the decimal point. This simplicity is not possible in a table of lologs, as their mantissae depend on the position of the decimal point as well as on the actual digits. It follows, therefore, that a table of lologs must give the characteristics as well as the mantissae; and a table of illologs must be entered with both characteristic and mantissa.

From this simple explanation, it might be inferred that any one accustomed to the use of ordinary logs might forthwith proceed to use a table of lologs for calculations requiring involution and evolution; but there is one difficulty which causes considerable trouble and confusion until it is appreciated and allowed for. The difficulty in question arises from the fact that the logs of numbers less than unity are negative; consequently it is necessary to provide logs of negative numbers if the lolog table is to be complete. In the true sense of the term, a negative number cannot have a log; but, fortunately, no difficulty need arise on this account, as the sign is an external feature which does not affect the numerical part, and it can be dealt with separately. This may be made clearer, perhaps, by pointing out that the numerical value of the product of each of the four following pairs of factors is the same:—

$$+2 \times +3 = +6$$
  
 $+2 \times -3 = -6$   
 $-2 \times -3 = +6$   
 $-2 \times +3 = -6$ 

It is clear that the product in each of the above cases could be found by adding log 2 to log 3, if the sign of the result were separately determined.

```
Let it be required to evaluate (4.0)^{1/2} by ordinary logs. Then :— \log 4.0 \approx 0.60206
```

This has to be multiplied by 1.2, so that

 $\log (4.0)^{1-3} = 1.2 \times 0.60206$ 

Again, log 1.2 = 0.07918

log 0.00206 = 1.77964

illog 1.85882 = 0.72247

Then  $\log (4.0)^{12} \approx 0.72247$  therefore  $(4.0)^{12} \approx 5.27801$ 

Now, let it be required to evaluate  $(0.4)^{1.2}$  by ordinary logs. We should proceed thus :—

log 0.4 = 1.60206

This must now be multiplied by 1.2, which cannot be done in the ordinary way, owing to the fact that part of the number is negative, and part of it positive. The most convenient way of carrying out this multiplication is to subtract the mantissa from the characteristic, which leaves a purely negative number that can be multiplied by 1.2 in the ordinary way. Thus we have:—

$$\log 0.4 = 1.60206 = -0.30794$$

We now require the product 1.2 × (~0.39794)

Disregarding the sign, we have :--

$$\begin{array}{c} \log 1.2 &= 0.07918 \\ \log 0.39794 = \overline{1.59987} \\ & \text{illog } \overline{1.67900} = 0.47753 \end{array}$$

We know that this is negative, so that

$$\log (0.4)^{1.2} = -0.47753$$

The mantissa must now be made positive by adding 1 to it, which must be counter-balanced by subtracting 1 from the characteristic, then:—

 $\log (0.4)^{1.2} = \overline{1}.52247$   $\text{illog } \overline{1}.52247 = 0.33302$   $(0.4)^{1.2} = 0.33302$ 

Therefore

It will be seen that there is an important difference of procedure in these two examples. In the first example, the number to be involved is greater than unity. The result of this is that its log is positive, and consequently the product, after multiplying by 1.2, is positive also, so that the last mantissa is positive without the addition and subtraction of unity. In the second example, the number to be involved is less than unity. The result of this is that its log has a negative characteristic, which means that the log as a whole is negative. The product, after multiplying by 1.2, is therefore negative, so that addition and subtraction of unity are necessary before the number corresponding to the last log can be looked out in tables.

From these two simple examples it will be seen that a certain amount of care is necessary to remember whether the logs are positive or negative. If the number to be involved is greater than unity, it is improbable that a mistake will be made; but if it is less than unity, experience shows that one is very liable to get confused. In the tables, the need for this care is entirely obviated by printing the lologs of numbers less than unity in red; whilst those of numbers greater than unity are printed in black. The red values are added and subtracted in the usual way, no notice being taken of the sign or colour until the result is being looked out, when, if a red lolog has been used, the result will be the illolog of a red number.

With a little care it would be possible to remember whether the illolog of a red or black number was required; but most people will probably find it safer to use some visible reminder. If red ink is available, undoubtedly the simplest and safest thing to do is to write down red lologs in red ink, also the result after adding a log or a colog to a red lolog. Logs and cologs are, of course, always black.

The rules for involution and evolution may now be stated :-

To raise a number to the  $n^{\text{th}}$  power, add the log of n to the lolog of the number, and the illolog of this sum is the desired result. The sum is the same colour as the original lolog.

To extract the n<sup>th</sup> root of a number, add the colog of n to the lolog of the number, and the illolog of this sum is the desired result. The sum is the same colour as the original lolog.

The relation which exists between two lologs which are equal in magnitude, but of different colour, can be usefully employed. The easiest way to explain it is by considering an example, for which purpose a pair of reciprocal numbers is selected:—

$$\log 4 = 0.60206 = +0.60206$$
$$\log 0.25 = \overline{1}.39794 = -0.60206$$

These two numbers, obviously, will have the same lolog, namely—T.77964; but, whereas lolog 4 is printed in black, lolog 0.25 is printed in red.

This relation enables expressions of the form

$$\frac{1}{\overline{C}^n} = \left(\frac{1}{\overline{C}}\right)^n = C^{-n}$$

to be evaluated with no more labour than that necessary to evaluate C". The rule is :--

When performing a process of involution or evolution corresponding to a negative index, merely change the colour of the lolog, and then proceed exactly as for a positive index.

If the reader is accustomed to the use of log tables, or has followed the foregoing explanation, there is nothing further in the use of lologs and illologs or the arrangement of the tables that needs detailed description. It is, of course, impossible to understand and use lologs until one is accustomed to the use of logs.

The following examples should be carefully studied and verified from the tables. This is, perhaps, the most direct method of becoming familiar with the small points in which these tables vary from the log tables:—

```
lolog 0.009095 = 0.30933
                               lolog 0.036
                                             E 0 15948
          .0817 -
                               lolog 0-81字
                                             a 0 0365.4
                               lolog 0-9487 == 0 00982
                               lolog 0.36
                                             2 1 617tm
                               lolog 0-544
                                             1-1-12-6
                               lolog 0-8353
                                               0.89597
                               lolog 0-9276
                                               2 51374
                               lolog 0-95943 * 2 25495
                               lolog 0-999935 5 45071
                               lolog 1-00044 4-4-28114
                               lolog 1-3956
                                             == 1.16065
                               lolog 1-7862
                                             --: f -40128
                               lolog 4:246
                                             - 1.79795
                               lolog 42-46
                                             ⇒ 0.21165
                               lolog 424-6
                                              = 0.41962
                               illolog 3 96 33 -
                                                  0.9791
                               illolog 1 so a bar
                                                  0.2299
                               illolog 2-96234 :
                                                  1.235
                               illolog 1-80512 = -
                                                  4.330
                               illolog 0-30303 = 102-15
                               illolog 0.31525 = 116.5
                               illolog 0.47204 = 922.8
                                   INVOLUTION.
To evaluate 4-1231-406
                            lolog 4-123 - 1-78903
                              log 1 406 = 0 14799
                                   illolog 1.93702 = 7.829
To evaluate 0-41231 406
                            lolog 0.4123 = 1.3322
                             \log 1.406 = 0.14799
                                   illolog 1 /3321 == 0-2877
To evaluate 4-1230-1498
                            lolog 4.123 = I.78903
                              \log 0.1406 = \tilde{1}.14799
                                   illolog 2.93702 = 1.221
To evaluate 0.41230-1408.
                            lolog 0.4123 = 1 54533
                              log 0.1406 = 1.14799
                                   illolog 3.7.3321 = 0.8828
```

#### EVOLUTION.

To evaluate  $\sqrt[1.406]{4.123}$ ,

lolog  $4.123 = \overline{1.78903}$ colog  $1.406 = \overline{1.85201}$ 

illolog 1.64104 = 2.739

To evaluate  $\sqrt[1:406]{0.4123}$ ,

lolog  $0.4123 = \overline{1}.58522$ colog  $1.406 = \overline{1}.85201$ 

illolog  $\overline{1.43723} = 0.5325$ 

To evaluate  $\sqrt[0.4061]{4.123}$ ,

lolog  $4.123 = \overline{1}.78903$ colog 0.4061 = 0.39137

illolog 0.18040 = 32.73

To evaluate  $\sqrt[0.1406]{0.4123}$ ,

lolog 0.4123 = 1.58522 colog 0.1406 = 0.85201

illolog 0.43723 = 0.0019

### INVOLUTION AND EVOLUTION OF RECIPROCALS.

To evaluate  $\frac{1}{4.123^{1.408}}$ ,

 $lolog \frac{1}{4.123} = \overline{1}.78903$ 

 $\log 1.406 = 0.14799$ 

illolog  $\overline{1.93702} = 0.1365$ 

To evaluate  $\frac{1}{0.4123^{1.406}}$ ,

 $lolog \frac{1}{0.4123} = \overline{1}.58522$ 

 $\log 1.406 = 0.14799$ 

illolog  $\overline{1.73321} = \underline{3.475}$ 

To evaluate  $\sqrt[1.406]{\frac{1}{4.123}}$ ,

 $lolog \frac{1}{4.123} = \overline{1.78903}$ 

colog 1.406=1.85201

illolog 1.64104=0.3652

To evaluate  $\sqrt[1.406]{\frac{1}{0.4123}}$ ,

 $lolog \frac{1}{0.4123} = \overline{1}.58522$ 

 $colog 1.406 = \overline{1.85201}$ 

illolog  $\overline{1.43723} = \underline{1.878}$ 

#### MISCELLANEOUS PROBLEMS.

# To evaluate $4 \cdot 123^{\frac{1\cdot406\times0\cdot4061}{1.188\times0\cdot9284}}$

 $lolog 4.123 = \overline{1.78903}$ 

 $\log 1.406 = 0.14799$ 

 $log 0.4061 = \overline{1}.60864$  $colog 1.135 = \overline{1}.94500$ 

colog 0.3284 = 0.48360illolog  $\overline{1.97426} = 8.760$  To find C, knowing that  $PV^n=C$ , n being 1.135, and V=0.5 when P=115.

$$\begin{array}{c} \text{lolog } 0.5 = \overline{1}.47861 \\ \text{log } 1.135 = \underline{0.05500} \\ \text{illog } \overline{1}.53361 = \overline{1}.65834 \\ \text{log } 115 = \underline{2.06070} \\ \text{illog } \overline{1}.71904 = \underline{52.36} = \underline{C} \end{array}$$

To find  $P_2$ , knowing that  $P_1V_1^{\gamma}=P_2V_2^{\gamma}$ ,  $\gamma$  being 1.406,  $P_1=120$ ,  $V_1=0.4$ , and  $V_2=1.2$ . Then  $P_2=P_1\left(\frac{V_1}{V_2}\right)^{\gamma}$ .

#### V.-HYPERBOLIC LOGS.

The logs mostly used are those calculated to the base 10. These are called Common or Briggian Logs. Occasionally, however, logs are required to the base e, e being a certain incommensurable number. Such logs are called Natural, Napierian, or Hyperbolic Logs. Tables of these logs are sometimes given in addition to the common logs; but, being so readily calculated by means of lologs, they have not been included in this book.

Let 
$$10^{A}=B \; ; \; \text{then } A=\log_{10} B.$$
 Let 
$$e^{C}=B \; ; \; \text{then } C=\log_{e} B.$$
 Again, 
$$\log_{10} B=C \times \log_{10} e,$$
 
$$\therefore C=\frac{1}{\log_{10} e} \times \log_{10} B \; ;$$
 that is, 
$$\log_{e} B=\frac{1}{\log_{10} e} \times \log_{10} B.$$

 $Log_{10}$  e is commonly denoted by the symbol M. Its value will be found on page 320, together with its log, reciprocal, and colog.

The relation thus becomes

$$\log_e B = \frac{\log_{10} B}{M}$$

Taking logs :--

$$\log_{10} (\log_e B) = \operatorname{colog}_{10} M + \operatorname{lolog}_{10} B$$

The rule is therefore :-

To find the hyperbolic log of a number, add the lolog of the number to the colog of M, and the illog of the sum is the required log. If the lolog is black, the log is positive; if the lolog is red, the log is negative. In the latter case, the mantissa can be made positive if desired.

EXAMPLES.

To find the value of  $\log_e 0.9164$ ,  $\log 0.9164 = \overline{2.57881}$   $\log M = \frac{0.36222}{\overline{2.94103}} = -0.0873031 = \overline{1.912697} = \log_e 0.9164$ 

To find the value of log. 1.6232,

$$\begin{array}{ll} \text{lolog } 1 \cdot 6232 = \overline{1} \cdot 32299 \\ \text{colog M} & = 0 \cdot 36222 \\ & \text{illog } \overline{1} \cdot 68521 = 0 \cdot 484406 = \log_e 1 \cdot 6232 \end{array}$$

To find the value of W, knowing that W=PV loge r, P being  $120 \times 144$ , V=1.25, and r=3.

$$\begin{array}{l} \log 120 = 2.07918 \\ \log 144 = 2.15836 \\ \log 1.25 = 0.09691 \\ \operatorname{colog} M = 0.36222 \\ \operatorname{lolog} 3 = \overline{1.67863} \\ \operatorname{illog} 4.3730 = 23.8897 = W \end{array}$$

To find the value of the ratio  $\frac{T_1}{T_2} = e^{\mu\theta}$  when  $\mu = 0.3$ , and  $\theta = 2.967$  radians (170 degrees).

$$\begin{array}{ll} \text{lolog } e &= \overline{1} \cdot 63778 \\ \text{log } 0 \cdot 3 &= \overline{1} \cdot 47712 \\ \text{log } 2 \cdot 967 = \underline{0 \cdot 47232} \\ \text{illolog } \overline{1} \cdot 58722 = 2 \cdot 435 = \frac{T_1}{T_2} \end{array}$$

#### VI.-TRIGONOMETRICAL FUNCTIONS.

The main table on pages 230-319 gives the value of the six ordinary functions at intervals of one minute, together with the differences divided by 60, so that interpolation for intermediate seconds can be made by multiplying the difference for one second by the number of seconds.

Owing to the relation which exists between a function and the corresponding 'co.' function of the complementary angle, the same table can be made to give both, without repetition, by the simple device of printing two arrangements of degrees and minutes on every page. For the 'co-' functions, the degrees are at the bottom and the minutes on the right-hand side of the page; for the other functions, the degrees are at the top and the minutes on the left-hand side of the page.

Owing to the rapid variation of the logs of sines and tangents of small angles, it is not sufficiently accurate to interpolate for seconds in the main table. For this reason the tables on pages 222-229 give the logs of sines at smaller intervals. From 0° to 1° the interval is one second, and from 1° to 3° the interval is ten seconds.

When interpolating, the difference for one second is to be multiplied by the number of seconds. The product will, in general, consist of an integer and a decimal fraction. The decimal fraction should be discarded after the multiplication, and the integer increased by unity if the discarded fraction exceeds 0.5.

Before making use of the trigonometrical tables, the information given on page 221 should be consulted.

# LOGS OF NUMBERS

FROM

1 to 40,000

TO

# FIVE DECIMAL PLACES.

1 - 99

No.	Log.								
0	- 00	20	1.80103	40	1.60206	60	1-77815	RO	1-90209
1.	0.00000	21	1.82222	41	1.61278	61	1.78533	RI	1-90849
2	0.30103	22	1.34242	42	1.62325	63	1.79239	HI	1-91381
8	0.47712	28	1.80178	43	1.63347	63	1.79934	ня	LUIDOR
4	0.60200	24	1.38021	44	1.64849	64	1.80618	84	1.99428
5	0.69897	25	1.89794	45	1.65321	65	1.81291	NB	1-92942
6	0.77815	26	1.41497	46	1.00276	66	1-81954	MA	1-98450
7	0.84510	27	1.48186	47	1.67210	67	1.82807	#7	1 Banha
8	0.90809	28	1.44716	48	1-68124	68	1-83251	NH	1 94448
9	0.95424	29	1.46240	49	1.69020	69	1-Banna	NO	1 114939
10	1.00000	30	1.47712	50	1.69897	70	1-84810	90	1.93424
11	1.04189	31	1.49136	51	1.70757	71	1.85126	91	1.93904
12	1.07918	32	1.50515	52	1.71600	72	1.85733	92	1 96879
13	1.11394	88	1.51851	58	1.72428	73	1.86332	93	1.96848
14	1.14618	84	1.53148	54	1.73239	74	1-86923	#4	1.97313
15	1.17609	35	1.54407	55	1.74036	78	1-87506	95	1-97772
1.6	1.20412	36	1.55630	56	1.74819	76	1.88081	96	1.98227
17	1.28045	87	1.56820	57	1.75587	77	1-88649	97	1.98677
18	1.25527	38	1.57978	58	1.76343	78	1.89209	98	1-99128
19	1.27875	39	1.59106	59	1.77085	79	1.89763	99	1.99564

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1000	·00 000	004	009	013	017	022	026	030	035	039	4	
1	043	048	052			065			078	082	5	
2	087	091			104	108					4	
3	130	134	139	143		152					4	
4	173	178	18 <b>2</b>	186	191	195	199	204	208	212	5	
5	217	221	225			238					5	
6	260	264				$\frac{281}{325}$					4	
7	303	307	312 355	31 <b>6</b> 359		368					4	
8 9	346 389	350 393				411					4	
	909										-	
1010	432	436	441	445	449	454					4	
1	475	479	484	488		497					4	
2	518	522	527	531	535	540				557	4	
3	561	565	570 612	574 617	$\begin{array}{c} 578 \\ 621 \end{array}$	582 625		591 634		$\begin{array}{c} 600 \\ 642 \end{array}$	5	
4	604	608	012	017	OZI	020	029	054	. 008	042	0	
5	647	651	655	659	664	668			681	685	4	
6	689	694	698	702	706	711				728	4	
7	732	736	741	745	749	753				771	4	
8 9	775 817	$\begin{array}{c} 779 \\ 822 \end{array}$	783 826	788 830	$\begin{array}{c} 792 \\ 834 \end{array}$	796 839	800 843		809 852	813 856	4	
9	911		040	000	034	008	040	041	002	880	4	
1020	860	864	869	873	877		886	890	894	898	5	
1	903	907	911	915	920	924	928	932	937	941	4	
2 3	945 988	949 992	954	958 *000	962	966	971	975	979 *022	983	5	,
4	·01 030	034	038	043	047	051	055	060	064	*026 068	4	
											*	
5	072	077	081	085	089	094	098	102	106	111	4	
6 7	115	119	123	127	132	136	140	144	149	153	4	
8	157 199	$\frac{161}{204}$	166 208	$\begin{array}{c} 170 \\ 212 \end{array}$	174 216	178 <b>220</b>	$\begin{array}{c} 182 \\ 225 \end{array}$	$\begin{array}{c} 187 \\ 229 \end{array}$	191	195	4	
9	242	246	250	254	258	263	$\begin{array}{c} 223 \\ 267 \end{array}$	271	$\begin{array}{c} 233 \\ 275 \end{array}$	$\begin{array}{c} 237 \\ 280 \end{array}$	5 4	
1030	284	288	292	296	301	305	309	313	317	322	4	
1	326	330	334	339	343	347	351	355	360	364	4	
2	368	372	376	381	385	389	393	397	402	406	4	
3	410	414	418	423	427	431	435	439	444	448	4	1
4	452	456	460	465	469	473	477	481	486	490	4	I
5	494	498	<b>502</b>	507	51 <b>1</b>	515	519	523	528	532	4	
6	536	540	544	549	553	557	561	565	569	574	4	i
7	578	582	586	590	595	599	603	607	611	616	4	1
8	620	624	628	632	636	641	645	649	653	657	5	6
9	662	666	670	674	678	682	687	691	695	699	4	ţ
1040	703	708	712	716	720	724	<b>72</b> 8	733	737	741	4	j
1	745	749	753	758	762	766	770	774	778	788	4	
2	787 828	791	795	799	~ • •	808		816	820	824	4	ı
3 4	828 870	833 874	837	841	845	849	853	858	862	866	4	ı
	100		878	883	887	891	895	899	903	907	5	1
5	912	916	920	924	928	932	937	941	945	949	4	I
6	953	957		966	970	974	978	982	986	991	4	ľ
7 8	995			*007		*015			*028		4	ł
9	02 036 078	040 082	044		053	057	061	065	069	078	5	
. 135			086	090	094	098	102	107	111	115	4	l
1050	119	123	127	181	135	140	144	148	152	156	4	

						LO	GS.		3		10	00 -	1100
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1050 1 2 3 4	.02	119 160 202 243 284	123 164 206 247 288	127 169 210 251 292	131 173 214 255 296	135 177 218 250 301	140 181 222 263 305	144 185 226 268 309	148 189 230 272 313	152 193 235 276 317	156 197 239 280 321	4 5 4 4	
5 6 7 8 9		825 866 407 449 490	329 371 412 453 494	333 375 416 457 498	338 379 420 461 502	342 383 424 465 506	346 387 428 469 510	350 391 432 473 514	354 395 436 477 518	358 399 440 481 522	362 403 444 485 526	4 4 5 5	
1060 1 2 3 4		531 572 612 653 694	535 576 617 657 698	589 580 621 661 702	543 584 625 666 706	547 588 629 670 710	551 592 633 674 715	555 596 637 678 719	559 600 641 682 723	568 604 645 686 727	567 608 649 690 731	5 4 4 4	
5 6 7 8 9		735 776 816 857 898	739 780 821 861 902	748 784 825 865 906	747 788 829 869 910	751 792 833 878 914	755 796 837 877 918	759 800 841 882 922	768 804 845 886 926	768 808 849 890 980	772 812 853 894 984	4444	
1070 1 2 3 4	-08	938 979 019 060 100	942 983 924 964 104	946 987 028 068 109	951 991 032 072 118	955 995 986 976 117	959 999 040 080 121	968 *008 044 084 125	967 *007 048 088 129	971 +011 052 092 133	975 *015 056 096 137	4 4 4 4	
5 6 7 8 9		141 181 222 262 302	145 185 226 266 806	149 189 230 270 810	158 198 234 274 814	157 197 238 278 318	161 201 242 282 322	165 205 246 286 826	169 209 250 290 290	178 214 264 294 384	177 21 M 20 M 20 M 20 M	4 4 4	
1080 1 2 3 8 4		842 888 428 468 508	846 887 427 467 507	350 391 431 471 511	354 395 485 475 515	358 899 489 479 519	362 403 443 483 528	366 407 447 487 527	371 411 451 491 531	375 415 455 495 535	379 419 469 489 889	4 4 4 4	
5 6 7 8 9		548 588 628 668 708	547 587 627 667 707	551 591 631 671 711	555 595 635 675 715	559 599 639 679 719	563 608 648 683 728	567 647 687 727	871 811 651 691 781	675 613 655 693 735	879 819 849 649 789	4	
1090 1 2 8 4		743 782 822 862 902	747 786 826 866 906	751 790 830 870 910	755 794 834 874 914	759 798 888 878 918	768 802 842 882 922	767 806 846 886 926	771 810 850 890 980	775 814 854 894 933	77 H H	4 4 4	
5 6 7 8 9	-04	941 981 021 060 100	945 985 025 064 104	949 989 029 068 108	953 993 033 072 112	957 997 036 076 116	961 *001 040 080 120	965 *005 044 084 123	969 +009 048 088 127	973 +013 052 092 131	977 +017 086 096 135	4	
1100		189	148	147	151	155	159	163	167	171	175	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1100	•04		143				159					4	
$\frac{1}{2}$		179	183	187			198					4	
3		218 258	$\frac{222}{261}$	$\frac{226}{265}$			$\frac{238}{277}$					4	}
4		297	301	305			317					4	
5 6		336	340	344			356					4	1
7		376 415	$\frac{379}{419}$	383 423		$\frac{391}{430}$	395 434					4	}
8		454	458	462			474					4	1
9		493	497	501	505	509	513					4	
1110		532	536	540	544	548	552					4	}
1 2		571 610	$575 \\ 614$	579 618	$\begin{array}{c} 583 \\ 622 \end{array}$	587 626	591 630					3 4	
3		650	653	657	661	665	669					4	
4		689	692	696	700	704	708					3	
5		727	731	735	739	743	747					3	
6 7		766 805	770 809	774 813	778 817	$\begin{array}{c} 782 \\ 821 \end{array}$	786 825					4	
8		344	848	852	856	860	864					4	
9	8	883	887	891	895	899	902	906	910			4	
1120		922	926	930	933	937	941					4	
1 2		961 999	964 *003	968 *007	972 *011	976 *015	980 *010			992 *030		4	
3	.05 €	38	042	046	050	053	057					4	
4	(   .	077	080	084	088	092	096	100			111	4	
5 6		L15	119	123	127	131	135	138	142	146	150	4	
7		154 192	$\frac{158}{196}$	162 200	$\frac{165}{204}$	$\begin{array}{c} 169 \\ 208 \end{array}$	$\begin{array}{c} 173 \\ 212 \end{array}$	$\begin{array}{c} 177 \\ 216 \end{array}$	$\frac{181}{219}$	$\frac{185}{223}$	$\frac{189}{227}$	3 4	
8	2	231	235	239	242	246	250	254	258	262	266	3	İ
9	. 2	269	273	277	281	285	289	292	296	300	304	4	
1130		308	312	316	319	323	327	331	335	339	342	4	
1 2		346 385	350 388	354 392	$\frac{358}{396}$	$\begin{array}{c} 362 \\ 400 \end{array}$	365	369	373	377	381	4	
3		123	427	431	434	438	404 442	408 446	411 450	$\frac{415}{454}$	419 457	4	
4	. 4	161	465	469	473	477	480	484	488	492	496	4	
5 6		600	503	507	511	515	519	523	526	530	534	4	
7		538 576	$\begin{array}{c} 542 \\ 580 \end{array}$	545 584	549 588	553 591	557 595	561 599	565	568	572	4	l
8		14	618	622	626	629	633	637	603 641	$\begin{array}{c} 607 \\ 645 \end{array}$	610	8	
9	6	52	656	660	664	668	671	675	679	683	687	8	j
1140		390	694	698	702	706	710	713	717	721	725	4	
1 2		729 767	$\begin{array}{c} 732 \\ 770 \end{array}$	736 774	740 778	$\begin{array}{c} 744 \\ 782 \end{array}$	748 796	751	755	759	763	4	1
3		305	808	812	816	820	$\begin{array}{c} 786 \\ 824 \end{array}$	789 8 <b>27</b>	793 831	797 835	801	4	ì
4		343	846	850	854	858	862	865	869	873	877	4	1
5		881	884	888	892	896	900	903	907	911	915	3	l
6 7		)18 )56	$\begin{array}{c} 922 \\ 960 \end{array}$	$\begin{array}{c} 926 \\ 964 \end{array}$	930	934	937	941	945	949	958	3	ł
. 8		94		*002	968 *006	971 *009	975 *013	979 *017	888 *021	987 *024	990	4	- 1
9	06 0		036	040	043	047	051	055	058	062	066	4	1
1150	1	70	074	077	081	085	089	092	096	100	104	4	}

Add Proportional Parts.

					Add.	Propor	tional I	arta.					8
1200		918	922	925	929	933	936	940	943	947	951	a	
8 9		846 882	849 886	853 889	857 893	860 896	864 900	867 904	871 907	875 911	878 915	4	
7		809	813	817	820	H24	HTH	RAI	HHA	RZR	843	4	
5 6		737 778	740 777	744 780	748 784	751 788	755 791	759 795	762 799	766 803	769 806	4	
_						•							
8		664 700	668 704	671 708	675 711	679 715	682 719	686 722	690 726	693 730	697 783	3	
2 8		628	631	635	629	642	846	649	653	657	660	4	
1	ĺ	555 591	558 595	502 598	566 602	569 606	573 609	613	580 617	584 620	884 624	3	
1190		nnn	担照の										
9		518	532	525	529 529	4 V G	គមម គមគ	504 540	507 544	511 547	513 551	3	
7 8		445	449 485	482 489	458 498	450 496	463 500	407	471	474	47 N	4	
6		408	412	410	419	423	427	430	434	43H	441		
5		372	875	879	383	386	290	394	397	401	405	a	
4		335	330	848	346	350	384	357	361	365	non		
2 8		262 298	265 802	208 208	278 309	276 313	280 317	284 820	287 324	291 328	294	3	
1		225	229	232	286	240	243	247	251	254	潜苏州	4	
1180		188	192	106	199	203	207	210	214	218	221	4	
9	1	151	155	159	162	166	170	173	177	181	188	а	
8		115	118	122	126	129	133	137	140	144	148	3	
6 <b>7</b>		041 078	044 081	048 085	052 089	056 092	940 090	063 100	067 103	070	074 111	4	
5	.07	004	007	011	015	019	022	026	030	033	037	4	
4		907	971	974	978	982	CHU	989	993	996	*000	4	
8		980	984	987	941	945 ១៩១	048	952	956	959	202 2004	4	Bazz (milk
2		893	896	900	904	BOB	911	015	919	ពិជីជី	926	4	-
1170		819 850	822 859	826 863	880 867	833 871	H37 874	841 878	845 845	848 848	852 889	4	
-													
8		$\frac{744}{781}$	748 785	752 789	$\begin{array}{c} 755 \\ 793 \end{array}$	749 796	763 800	767 804	770 807	774 811	77H 81D	8	
7		707	711	715	718	722	726	729	733	737	741	3	
в		670	674	677	081	685	GBB	692	696	700	703	4	
5		688	686	640	644	648	651	655	659	662	880	4	
4		595	599	608	606	610	614	618	621	625	629	4	
2		$\begin{array}{c} 521 \\ 558 \end{array}$	524 502	82.0 600	532 569	536 5 <b>7</b> 8	$\frac{639}{577}$	543 580	547 584	188	554 592	4 3	
1		483	487	491	494	498	502	506	509	513	517	4	
1160		446	450	453	457	461	465	468	472	476	479	4	
9		408	412	416	420	423	427	431	435	438	442	4	
8	1	871	875	378	382	380	390	393	897	401	405	3	
6 7		$\frac{200}{333}$	300 337	303 341	$\frac{307}{345}$	$\frac{311}{348}$	$\begin{array}{c} 815 \\ 852 \end{array}$	318 356	322 860	826 868	367	3 4	
5		258	262	266	269	273	277	281	285	288	292 330	4	
		44 A) ,I.		440	404			<i>⊒</i> -€0					
8 4		$\frac{183}{221}$	$\begin{array}{c} 187 \\ 224 \end{array}$	$\begin{array}{c} 190 \\ 228 \end{array}$	$\begin{array}{c} 194 \\ 232 \end{array}$	$\frac{198}{236}$	$\begin{array}{c} 202 \\ 239 \end{array}$	$\frac{206}{243}$	$\frac{209}{247}$	$\frac{213}{251}$	$\frac{217}{254}$	4	
2		145	149	153	157	160	164	168	172	175	179	4	
1150 1	-06	070 108	$\begin{array}{c} 074 \\ 111 \end{array}$	$\begin{array}{c} 077 \\ 115 \end{array}$	081 119	$\begin{array}{c} 085 \\ 123 \end{array}$	089 126	$\frac{092}{130}$	$\begin{array}{c} 098 \\ 184 \end{array}$	$\frac{100}{138}$	104 141	4	
								and do the	A. 41 /A	mageria abon vinci	A 40 A		Aggregation and the second

No.

б

P.P.

D.

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1200	.07	918	922	925	929	933	936	940	943		951	3	
1	ł	954	958	962	965	969	972	976	980	983	987	3	
2		$\frac{990}{027}$	994	998 034	*001	*005 041	*009 045	*012	052	*019 055	*023 059	4	
3 4	.00	063	030 066	070	073	077	081	084	088	091	095	4	
5		099	102	106	110	113	117	120	124 160	1 <b>2</b> 8 164	131 167	4	
6		$\frac{135}{171}$	$\frac{138}{174}$	142 178	$\frac{146}{182}$	$\frac{149}{185}$	$153 \\ 189$	$156 \\ 192$	196	200	203	4	
8		207	210	214	217	221	225	228	232	235	239	4	
9		<b>24</b> 3	246	250	253	257	261	264	<b>2</b> 68	271	275	4	
1210		279	282	<b>2</b> 86	289	293	296	300	304	307	311	8	
1		314	318	322	325	329	332	336	340	343	347	3	1
2 3	!	350 386	354 390	357 393	361 397	365 400	368 404	$\frac{372}{408}$	375 411	379 415	$\begin{array}{c} 382 \\ 418 \end{array}$	4	}
4		<b>42</b> 2	425	429	433	436	440	443	447	450	454	4	
5		458	461	465	468	472	475	479	483	486	490	3	
6 7		493 529	$\begin{array}{c} 497 \\ 533 \end{array}$	500 536	504 540	508 543	511 547	515 550	518 554	5 <b>22</b> 558	$\begin{array}{c} 525 \\ 561 \end{array}$	4	
8		565	568	572	575	579	583	586	590	593	59 <b>7</b>	3	,
9		600	604	607	611	615	618	622	625	629	632	4	
1220		636	640	643	647	650	654	657	661	664	668	4	
1 2		$\begin{array}{c} 672 \\ 707 \end{array}$	$\begin{array}{c} 675 \\ 711 \end{array}$	679 $714$	682 718	$\begin{array}{c} 686 \\ 721 \end{array}$	689 <b>72</b> 5	693 728	696 732	700 736	704 739	3 4	
3		743	746	750	753	757	760	764	767	771	775	3	
4	i	778	78 <b>2</b>	785	789	792	796	799	803	807	810	4	
5		814	817	821	824	828	831	835	838	842	846	8	
6 7		849 884	853 888	856 892	860	863	867	870	874	877	881	8	•
8		920	923	927	895 930	899 934	902 938	906 941	909 945	913 948	916 952	4 3	
9		955	959	962	966	969	973	976	980	983	987	4	
1230		991	994	998	*001	<b>*0</b> 05	*008	*012	*015	*019	*022	4	
1	.09	026	029	033	036	040	043	047	050	054	058	8	
2 3		061 096	$065 \\ 100$	068 103	$\begin{array}{c} 072 \\ 107 \end{array}$	075 110	079 114	082 117	086 121	$089 \\ 124$	093 128	8	
4		132	135	139	142	146	149	153	156	160	163	4	
5		167	170	174	177	181	184	188	191	195	198	4	
6 7	1	$\begin{array}{c} 202 \\ 237 \end{array}$	205 240	209 244	212 248	216	219	223	226	230	233	4	
8		272	276	279	283	$\begin{array}{c} 251 \\ 286 \end{array}$	255 290	258 293	262 297	265 300	269 304	8	
9		307	311	314	318	321	325	328	332	335	339	8	
1240		342	346	349	353	356	360	363	367	870	374	8	
1	1	377	381	384	388	391	395	398	402	405	409	8	
2 3		412 447	416 451	419 454	423 458	426 461	430	488	437	440	444	8	1
4		482	486	489	493	496	465 499	468 503	472 506	475 510	479 513	8	
5	1	517	520	524	527	531	534	538	541	545	548	4	
6 7		552 587	555	559		566	569	578	576	580	588	4	
8	1	621	590 625	594 628	597 632	601 635	604 6 <b>3</b> 9	608 642	611 646	614 649	618	3	
9		656	660	663	667	670	674	677	681	684	653 688	3	
1250		691	694	698	701	705	708	712	715	719	722	4	

Add Proportional Parts.

No.	0	1	2	3	4.	5	6	7	8	9	D.	P.P.
1250	·09 691	694	698	701	705	708	712	715	719	722	4	
1 2	726 760	$729 \\ 764$	733 767	$\frac{730}{771}$	740 774	743 778	747 781	750 785	758 788	757 792	3	
8	795	799	802	806	809	812	816	819	828	826	4	
4	830	838	837	840	844	847	851	854	857	861	8	
5	864	808	871	875	878	882	885	889	892	896	8	
6 7	809 984	90 <b>2</b> 93 <b>7</b>	906	909	$\frac{913}{947}$	916 951	920 954	923 958	$\begin{array}{c} 927 \\ 961 \end{array}$	089 409	8	
8	968	972	975	978	982	985	989	992	996	999	4	
9	·10 <b>0</b> 03	006	009	018	016	020	023	027	080	084	8	
1260	037	0.11	044	047	051	054	058	061	065	068	4	
1 2	072 106	075 109	078	-082	085 120	089 123	092 127	096 130	881 881	102 137	8	
8	140	144	147	151	154	158	161	104	168	171	4	
4	175	178	182	185	188	192	195	199	202	206	3	
5	209	212	216	219	223	226	230	233	237	240	3	
6 7	243 278	247 281	250 285	254 288	257 291	261 295	204 208	26 <b>7</b> 802	271 305	274 309	4	
8	812	315	319	322	326	329	882	336	339	343	3	
9	846	350	853	356	800	808	867	370	374	377	а	
1270	880	384	387	391	394	397	401	404	408	411	4	
1	415	418	421	425	428	433	485	438	442	445	4	
2 8	449 488	452 48 <b>6</b>	456 490	459 498	402 496	466 50 <b>0</b>	469 508	473 507	476 510	479 514	4	
4	517	520	524	527	531	534	537	541	544	548	3	
5	551	554	558	561	565	568	571	575	578	582	3	
6	585	588	592	595	599	602	605	000	612	616	3	
7 8	619 653	622 656	680	6 <b>2</b> 9	633 667	636 670	639 673	643 677	646 680	684 684	3	
9	687	690	694	097	701	704	707	711	714	718	3	
1280	721	724	798	731	785	788	741	745	748	752	3	
1 2	755	758	762	765	768	779	778	779	782	788	4	
8	789 828	792 826	796 829	799 833	802 836	806 806	848	K13 H46	818	#18 #68	4	
4	857	860	863	867	870	878	877	880	884	887	N	
5 6	890	894	897	900	904	907	911	914	917	921	8	
6	924	927	931	984	928	941	944	848	951	954	4	
7 8	958 992	961 995	965 998	968 *002	971 #005	975 +00H	978 4012	981 *015	985 4019	KKQ 220*	4	
9	11 025	029	082	035	089	043	046	049	052	056	3	
1290	059	062	066	069	072	076	079	osa	0 11 6	089	4	
1	098	096	099	103	106	109	113	116	120	123	3	
2 8	126 160	180 168	133	136 170	140 178	148 177	146 180	150 183	183 187	156 190	4	
4	198	197	200	208	207	210	214	217	330	224	3	
5	227	230	234	237	240	244	247	270	254	237	4	
6	261	264	267	271	274	277	281	284	247	291	3	
7 8	294 827	297 331	301 334	304 338	307 341	311 344	314 348	317 331	321	324	2	
9	361	364	868	371	374	378	381	284	354 388	353 391	3	
1800	894	398	401	404	408	411	414	418	421	424	4	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1300	11 394	398	401	404	408	411	414	418	421	424	4	
1	428	431	434	438	441	444	448	451	454	458	3	
2	461		468	471	474	478	481	484	488	491	3	
3	494		501	504	508	511	514	518	521	524	4	
4	528	531	534	538	541	544	548	551	554	558	3	
5	561		568	571	574	578	581	584	288	591	3	
6	594		601	604	608	611	614	618	621	624	4	
7	628		634	638	641	644 677	647	651 684	654	.657	8	
8 9	661		667	671	674 707	711	681 714	717	$\begin{array}{c} 687 \\ 720 \end{array}$	$\begin{array}{c} 691 \\ 724 \end{array}$	3	
	694	697	701	704		111	114				1 1	
1310	727	730	734	737	740	744	747	750	754	757	8	
1	760	764	767	770	774	777	780	783	787	790	8	
2	793	797	800	803	807	810	818	817	820	823	8	
3 4	826 860	830 863	833 866	836 869	840 873	843 876	846 879	850 883	853 886	856	4	
*	800	000	000	009	019	010	010	900	000	889	( *	
5	898	896	899	902	906	909	912	916	919	922	4	
6	926	929	932	985	939	942	945	949	952	955	4	
. 7	959	962	965	968	972	975	978	982	985	988	4	
8 9	992	995		*001					*018		8	
	12 024	028	031	034	038	041	044	048	051	054	8	
1320	057	061	064	067	071	074	077	080	084	087	8	
$egin{array}{c} 1 \ 2 \end{array}$	090		097	100	103	107	110	113	117	120	8	
3	123 156	$\frac{126}{159}$	$\begin{array}{c} 130 \\ 163 \end{array}$	$\begin{array}{c} 133 \\ 166 \end{array}$	$\begin{array}{c} 136 \\ 169 \end{array}$	$\frac{140}{172}$	148 176	$\frac{146}{179}$	$\frac{149}{182}$	158 186	8	
4	189	192	195	199	202	205	208	212	215	218	4	
5	222	225	228	231	285	238	241	245	248	251	3	
6	254		261	264	267	271	274	277	281	284	3	
7	287	290	294	297	800	303	807	310	818	817	3	
8	320		326	330	333	336	339	848	346	349	3	
9	352	356	359	362	366	369	372	375	879	882	3	
1330	385		392	395	398	401	405	408	411	415	8	
1	418		424	428	481	484	487	441	444	447	8	
2	450		457	460	463	467	470	473	476	480	8	
3 4	488		490	498	496	499	508	506	509	512	4	
*	516	519	522	525	529	582	585	538	542	545	3	
5	548	551	555	558	561	564	568	571	574	577	4	
6	581	584	587	590	594	597	600	603	607	610	8	
7 8	618	616	620	628	626	629	688	636	689	642	4	
9	646 678	649 681	652 685	655 688	659 691	662 694	665 698	668 701	672 704	675 707	8	
1940												
1840 1	710 743	714 746	717	720	728	727	780	788	786	740	8	
2	775	778	749 782	753 785	756 788	759 791	762	766	769	772	8	
3	808	811	814	817	821	824	795 827	798 830	801 833	804	4	
4	840		846	850	858	856	859	868	866	887 869	3	
5	872	875	879	882	885	888	892			- 1		
6	905	908	911	914	917	921	924	895 927	898 930	901	4	1
7	937	940	948	946	950	953	956	959	963	966	3	1
8	969	972	975	979	982	985	988	992	995	998	8	1
9	·18 001	004	800	011	014	017	021	024	027	080	8	l
1850	088	037	040	048	046	049	053	056	059	062	4	

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1300 - 1400

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1850 1 2 8 4	·13	033 066 098 130 162	087 069 101 133 165	040 072 104 186 168	048 075 107 139 171	046 078 111 143 175	049 082 114 146 178	053 085 117 149 181	056 088 120 152 184	059 091 123 155 188	062 094 127 159 191	4 4 3 3 3	
5 6 7 8 9		194 226 258 290 822	197 229 261 293 325	200 232 264 296 328	204 286 268 300 832	207 239 271 303 335	210 242 274 306 338	213 245 277 309 341	216 248 280 312 344	220 252 284 316 348	223 255 287 319 351	3 3 3 3	
1860 1 2 3 4		854 886 418 450 481	357 389 421 453 485	360 392 424 456 488	363 895 427 459 491	367 399 480 462 494	370 402 434 466 497	373 405 487 469 501	376 408 440 472 504	879 411 443 475 507	383 415 446 478 510	3 4 3 3	
5 6 7 8 9		518 545 577 600 640	516 548 580 612 644	520 551 588 615 647	523 555 586 618 650	526 558 590 621 653	529 561 593 624 656	532 564 596 628 659	586 567 599 681 663	539 570 602 634 666	542 574 605 637 669	3 3 4 3 3	
1870 1 2 3 4		672 704 735 767 700	075 707 789 770 802	678 710 742 773 805	682 718 745 777 808	685 716 748 780 811	688 720 751 783 814	691 728 754 786 818	726 758 789 821	697 729 761 792 824	701 732 764 796 827	3 3 3 3 3	
5 6 7 8 9		830 862 898 925 956	838 865 897 928 960	887 868 900 931 968	840 871 908 934 966	843 874 906 938 969	846 878 909 941 972	849 881 912 944 975	852 884 915 947 978	856 887 919 950 982	859 890 922 953 985	3 3 8 8	
1880 1 2 8 4	.14	988 019 051 082 114	991 023 054 085 117	994 026 057 088 120	997 029 060 092 123	*000 032 068 095 126	*004 035 067 098 129	*007 038 070 101 132	*010 041 078 104 136	*013 045 076 107 189	*016 048 079 110 142	3 3 4 3	
5 6 7 8 9		145 176 208 289 270	148 179 211 242 278	151 183 214 245 276	184 186 217 248 280	158 189 220 251 283	161 192 223 255 286	164 195 226 258 289	167 198 230 261 292	170 201 288 264 295	178 205 286 267 298	3 3 3	
1890 1 2 3		801 888 864 895 426	305 336 367 398 429	308 339 370 401 433	311 342 378 404 486	314 345 876 408 439	817 848 880 411 442	351 383 414	323 355 386 417 448	326 358 389 420 451	330 361 392 423 454	3 3 3 3 3	
5 6 7 8 9		457 489 520 551 582	461 492 523 554 585	464 495 526 557 588	467 498 529 560 591	470 501 532 568 594	473 504 535 566 597	507 538 569	479 510 541 572 603	482 513 545 576 607	485 517 548 579 610	4 3 3 3 3	
1400		613	616	619	622	625	628	631	635	638	641	3	0

1400											T	1
No.	0	1	2	3	4	5	6	7	8	9	1).	P.P.
		212		000	625	628	631	685	638	641	3	
1400	14 613	616	$619 \\ 650$	6 <b>22</b> 658	656	659	662				8	
$egin{array}{c} 1 \ 2 \end{array}$	644 675	$\begin{array}{c} 647 \\ 678 \end{array}$	681	684	687	690	693			703	3	İ
8	706	709	712	715	718	721	724		781	734	3	
4	787	740	748	746	749	752	755	758	761	765	. 3	
5	768	771	774	777	780	783	786	789	792	795	4	
6	799	802	805	808	811	814	817	820			3	
7	829	832	836	839	842	845	848 879	881 882	888 888	7.68 888	3	
8 9	860 891	$863 \\ 894$	866 897	870 900	873 908	876 907	910	913	916		3	
						0.04	040	948	947	950	н	
1410	922	925	928	$\frac{931}{962}$	984 965	937 968	940	974	977	ORU	ä	
$egin{array}{c} 1 \\ 2 \end{array}$	953 983	956 987	959 990	993	996	999	*002	4005	<b>*008</b>	*011	23	
3	15 014	017	020	028	027	080	033	088	039	042	3	
4	045	048	051	054	057	080	008	066	070	073	3	
5	076	079	082	085	088	091	094	097	100	103	а	
6	106	109	112	116	119	122	125	138	131	134	3	
7	137	140	143	146	149	152	155	158	161	165	3	
8	168	171	174	177	180	188	186	189	1 11 2 1 2 3	10a 226	3	
9	198	201	204	207	210	214	217	220	nb nò 6.)	45 45 E3		
1420	229	282	285	288	241	244	247	250	253	256	а	
1	259	262	266	269	272	275 305	278 308	281 211	2×4	287 317	3	
2 3	290 320	293 324	$\frac{296}{327}$	299 330	302 838	886	339	342	348	344	3	
4	851	354	357	860	868	866	869	872	376	37 N	a	
5	881	885	888	891	394	897	400	403	406	409	а	
6	412	415	418	421	424	427	480	483	436		8	
7 8	442	445	448	452	455	458	461	464	447	470		
8 9	478	476	479	482	485	488	491	494	497	500		
9	508	506	509	512	515	518	521	934	ងនូន	n31	3	
1480	584	537	540	548	546	549	552	555	Ban		11	
1	564	567	570	578	576	579	583	585	BRH	201	3	
2 3	594 625	597 628	600 681	608 684	606 637	609 640	612 643	616 646	619	652 (	H	
4	655	658	661	664	667	670	678	676	679	643	3	
5	685	688	691	694	697	700	708	706	709	712	3	
6	715	718	721	725.	728	781	70a 784	700	740	743	2	
7	746	749	752	755	758	761	764	767	770	778	3 1	
8	776	779	782	785	788	791	794	797	800	ков	я	
9	806	809	812	815	818	821	824	827	830	ная	3	
1440	886	889	842	845		851	854	857	860	803	1	
1 2	866		872	875	878		884	887	891	N94	3	
3	897 9 <b>2</b> 7	900 980	908 988	906 986	909 989	912	915 945	918	921	924	3	
4	957	960	968	966	969	942 972	975	948 978	951 981	954 984	8	
5	987	990	998	996	999	ቋለለስ	***			1	and the same of th	
6	16 017	020	028	026	029	*002 082	800# 085	*008 0880	*011 041	044 4014	3	
7	047	050	058	056	059	062	065	980 880	071	074	3	
- 8	077	080	088	086	089	092	095	098	101	104	3	
9	107	110	118	116	119	122	125	128	131	134	3	
1450	187	140	148	146	149	152	155	158	161	164	3	
10										1	1	

No.	0	1	2	3	4	Б	6	7	8	9	D.	P.P.
1450	16 137				149	152	155	158	161	164	8	
1	167	170			179	182	185	188	191		: 3	
2 3	197 227	$\frac{200}{230}$	208 233	$\frac{206}{236}$	$\frac{209}{239}$	$\frac{212}{242}$	$\frac{215}{244}$	218 247	221 250	224 253	8 8	
4	256	259		265	268	271	274	277	280	288	8	
5	286			295	298	301	304	307	310	313	3	
6 7	316 346				8 <b>2</b> 8 358	381 361	$\frac{334}{864}$	337 367	340 370	343 373	8	
7 8	876	879	382	385	388	391	394	397	400	403	3	
9	400	409		414	417	420	423	426	429	432	3	
1460	485	488		444		450 480 510 539 569	458	456	459	462	3	
1	405	468		474	477	480	488 518	486	489 518	402	8	
2 3	495 524	498 527	501 530	504 533	507 586	539	542	516 545	548	521 551	3	
4	554	557	560	563	500	509	572	575	678	881	8	
5	284		590	593	590	599	602	605	607	610	а	
6 7	613	616	619	622	625 655	599 628 658 687	631 601	634	837	640	8	
8	648 678	646 676		652 681	684	668 687	980	664 693	667 696	670 699	3	
9	702		708	711	714	717	720	723	720	729	3	
1470	782		738		744	747 776	749	752	755	75H	8	
1 2	701 791	764	707	770	778	776	779	782	785	788	3	
3	820	794 828	797 826	800 829	808 882	800 885	408 888	811 841	814 844	817 847	3	
4	850	888	ยอย	859	862	864	867	870	87 a	870	3	
5	879	882	888	888	891	894	897	900	903	non	3	
5 6 7 8	909 988	912	915	917	920	923	926	ugu	932	035	1	
ģ	967	941 970	944 978	947 976	980 979	953 983	950 985	959 988	962 981	965 994	2	
ยั			*008					*017			3	
1480	17 026	029	032	035	088	041 070 099 129	044 073	047	050	oan	3	
1 2	056	058	001	064	067	070	073	076	079	083	3	
8	085 114	088 117	091 120	094 128	097 126	199	102 132	105 135	10x 13x	111 140	3 3	
4	148	146	149	182	155	158	101	164	167		3	
5 6 7 8	178	176	178	181	184	187	190	193	196		8	
6 7	202 281	205 234	208	211	214	216	219	322	223	228	3	
8	260	203	237 266	240 269	248 272	246 275	249 278	282 281	254 284	207 387	3 2	
9	289	292	295	298	301	304	307	310	ala	316	1	
1490	819	322	324	827	330	838	336	339	342	345	а	
1 9	348	351 380	254 282	357 386	359	362	365	ROR	871	374	3	
2 8	877 406	409	412	415	389 418	391 421	423 394	397 426	400 429	403 483	a a	
4	485	438	441	444	447	450	452	455	458	461	3	
5	464	467	470	478	476	479	482	484	487	490	9	
5 6 7 8	498 522 551 580	496 828	499	502	505	808	511	513	516	路上程	. 3	
7 8 9	551	554	528 557	531 560	584 563 592	537 566	540 569	542 571	545 574	548 577	H	
9	580	583	586	589	592	595	598	800	608	606	2	

No.	0	1	2	3	4	5	6	7	8	9	D,	P.P.
1500	17 609					624 653				035 664	3	Year Control of the State of th
$\frac{1}{2}$	638					681		687			H	
3	696			705	707	710	713	716	719	723	7	
4	725	728	731	733	786	739	742	745	74M	731	3	
5	754			762		768		774	777	780	## #5	
6 7	782 811			791 820		797 826		808 881	800 834	HUH HH7	28 28	
8	840			849	852	855	857	860	អពន	Hilli	8	
9	869	872	875	878	880	888	880	ини	892	HHA	11	
1510	898	901	903	906	909	912	915	918	921	924	22	
$\frac{1}{2}$	926 955	$\frac{929}{958}$	932 961	935 964	988 967	941 970	944 973	947 975	949 978	uag uni	3	
3	984	987	990	993	995		+001		*007		2	
4	18 018	015	018	021	024	027	080	033	one	03%	ä	
5	041	044	047	050	053	050	05R	ont	064	067	34	
6	070 099	078	076	079	081	084	087	090	093	(1546)	3	
7 8	127	101 130	104 133	107 136	110 139	113 141	116	117	121 150	1114 101	3	J
9	156	159	161	164	167	170	173	176	179	ing	::	I
1520	184	187	190	193	196	199	201	204	207	210	a	I
1	213	216	219	221	224	227	230	233	234	232	22	I
2 3	241 270	$\begin{array}{c} 244 \\ 278 \end{array}$	$\frac{247}{276}$	250 279	253 281	286 284	289 287	240 361	244	20 1 2 P	H	1
4	298	801	804	807	810	818	316	aln	221	una	2	1
5	827	380	888	886	338	341	844	347	350	HAN	2	j
6 7	855	358	861	364	867	370	373	475	374	341	а	1
8	384 412	387 415	390 418	892 421	895 424	398 427	401 429	404 432	407 435	409	a	1
9	441	444	446	440	452	455	48M	461	403	434 466	a	- 1
1580	469	472	475	478	480	483	486	189	499	495		1
1 2	498 526	500 529	508 582	506	509	512	ala	117	5 7 K	272	3	1
8	554	557	560	584 568	537 566	540 568	548 571	840 874	549 577	5年	3	1
4	588	585	588	591	594	597	000	602	605	相执政 性的相	ä	1
5	611	614	616	619	622	625	628	621	G.O	nan .	a	1
6 7	689 667	642 670	645	648	650	oaa	656	nau	002	665	3	- 1
8	696	698	678 701	676 704	679 707	682 710	an4	687	690	Ken	3	- 1
9	724	727	780	782	785	738	713 741	715	71# 746	721	3	ı
1540	752	755	758	761	768	766	769	772	775	9 M M		1
1 2	<b>7</b> 80	783	786	789	792	794		800	馬供養	e i s	3	1
8	808 837	811 839	814 842	817 845	820	823	ard	器型器	真民族	4月4	ä	- 1
4	865	868	870	878	848 876	851 879	BB3 BR3	的人们 多规则	nay nay	end ede	3	
5	898	896	898	901	904	907						1
6	921	924	927	929	982	985	910 928	913 941	915 943	uin uin	3	1
7 8	949 977	952 980	955	957	960	963	966	每份份	147 1	Mad 4 :	3	- 1
9	·19 005	008	988 011	986 014	988 016	991 019	$994 \\ 022$	997 * 025	000 *	002	a l	
1550	088	086	089	042	044	047				054	3	l

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1550 1 2 3 4	·19 033 061 089 117 145	036 064 092 120 148	039 067 095 123 151	042 070 098 126 153	044 072 100 128 156	047 075 103 131 159	050 078 106 134 162	053 081 109 137 165	056 084 112 140 167	058 086 114 142 170	3 3 3 3 3	
5 6 7 8 9	173 201 229 257 285	176 204 232 260 287	179 207 234 262 290	181 209 237 265 298	184 212 240 268 296	187 215 243 271 299	190 218 246 273 301	193 220 248 276 304	195 223 251 279	198 226 254 282	3 3 3 2	
1560 1 2 3	312 340 368 300	315 343 371 309	818 840 874 401	321 349 376 404	324 351 379 407	326 354 382 410	329 357 385 413	332 360 388 415	307 335 363 390 418	310 338 365 393 421	2 3 3 3	
4 5 6 7 8	424 451 479 507 535	426 454 482 510 537	429 457 485 512 540	432 460 487 515 543	435 463 490 518 546	438 465 493 521 548	440 468 496 524 551	443 471 499 526 554	446 474 501 529 557	449 476 504 532 560	3 3 2	
9 1570 1 2 3	562 590 618 645 678	565 593 620 648 676	568 595 623 651 678	571 598 626 654 681	573 601 629 656 684	576 604 631 659 687	607 634 662 689	582 609 637 665 692	584 612 640 667 695	587 615 642 670 698	3 3 3 2	
4 5 6 7 8	700 728 756 783 811	708 781 758 786 818	706 784 761 789 816	709 736 764 791 819	712 739 767 794 822	714 742 769 797 824	717 745 772 800 827	720 747 775 802 830	723 750 778 805 833	725 753 780 808 835	3 3 3 3 3	
9 1580 1 2	888 866 898 921	868 806 841	844 871 899 926	846 874 901 929	849 877 904 932	852 879 907 934	855 882 910 937	857 885 912 940	860 888 915 943 970	863 890 918 945	3 8888	·
8 4 5 6 7	948 976 -20 008 080 058	97H 006 088	954 981 008 086 063	956 984 011 039 066	959 986 014 041 069	962 989 017 044 071	965 992 019 047 074	907 995 022 049 077		*000 028 055 082	3 2 3 3	
1590 1	085 112 140 167	088 115 142 170	091 118 145 172	093 121 148 175	096 128 151 178	099 126 158 181 208	101 129 156 183 211	104 182 159 186 213	107 134 162 189 216	110 137 164 192 219	3 3 3	
2 8 4 5 6	194 232 249 270 303	224 252 279	200 227 254 282 309	202 230 257 284 311	205 232 260 287 814	208 235 262 290 317	238 265 292 320	241 268 295 322	243 271 298 325	246 273 301 328	3 3 2 2	
7 8 9	830 866 885 415	383 360 388	386 363 390 417	339 366 393 420	341 369 396 423	344 871 398 426	347 874 401 428	350 377 404 481	352 379 407 484	355 382 409 436	3 3 3	

No.	0	1	2	3	4	5	6	7	8	9	D	P.P.
1600	.20 412	415	417		428	426				486		and the state of t
1	439	442	445		450					464	2 2	1
2 3	466	469 496	472 499		477 504	480 507	483 510			491 518	2	
4	520	523	526		531	534	537	539		545	3	
5	548	550	553	556	558	561	564	566		872	3	
6 7	575 602	577 604	580 607	583 610	$\begin{array}{c} 585 \\ 612 \end{array}$	588 615	591 618	593 621	596 623	599 626	3	
8	629	631	634	637	639	642	645	648		658	3	
9	656	658	661	664	666	669	672	674	677	680	8	
1610	683	685	688	691	698	696	699	701	704	707	- 3	
$\frac{1}{2}$	710 737	$\frac{712}{739}$	$715 \\ 742$	718 745	$\frac{720}{747}$	723 750	726 753	728 755	731 758	734 781	1 3	
3	763	766	769	772	774	777	780	782	785	7 HH	1 3	
4	790	798	796	798	801	804	806	809	812	815	2	
5	817	820	823	825	828	831	833	886	889	841	a	
6 7	844	847	850	852	855	888	800	808	888	RUN	8	
8	871 898	874 901	876 903	879 906	882 909	884 911	887 914	890 917	892	898 922	8	
9	925	927	980	933	935	938	941	943	946	818	8	
1620	952	954	957	960	962	965	968	970	978	976	2	
1 2	978	981	984	986	989	992	994		+000		8	1
3	·21 005 032	008 085	010 037	013 040	016 048	018 045	021 048	024 051	026 053	029 056	8	
4	059	061	064	067	069	072	075	077	040	083	2	
5	085	088	091	098	096	099	101	104	107	109	3	
6	112 189	115 141	117	120	128	125	128	131	133	136	3	
7 8	165	168	144 171	147 173	$\frac{149}{176}$	152 179	155 181	157 184	160 187	163 189	3	
9	192	195	197	200	203	205	208	211	213	216	3	
1630	219	221	224	227	229	232	285	237	240	243	9	
1 2	245 272	$\frac{248}{275}$	251	253	256	259	261	264	267	209	3	'
3	299	801	277 804	280 307	283 809	285 312	288 315	291 317	293 320	296	3	
4	325	328	881	888	886	888	841	344	346	248 333	2	
5 6	852	354	857	860	862	865	968	870	373	376	3	
7	878 405	381 408	384 410	886 418	389 415	892 418	894 491	897	400	402	8	
8	481	484	487	489	442	445	421 447	423 450	426 453	429 455	2 3	
9	458	461	463	466	468	471	474	476	479	482	2	
1640	484	487	490	492	495	498	500	503	506	508	3	
2	511 537	514 540	516 548			524	527	529	533	535	2	i
8	564	566	569	545 572	548 574	551 577	553 580	556 E00	558	561	3	1
4	590	593	595	598	601	808	606	582 609	585 611	588 614	3	
5 6	617	619	622	625	627	680	632	635	688	640	3	I
7	648 669	646 672	648 675	651	654	656	659	661	664	667	2	1
8	896	698	701	677 704	680 706	683 709	685	688	690	698	3	ı
9	722	725	727	780	738	785	712 738	714 740	717 748	719 746	3 2	1
1650	748	751	754	756	759	762	764	767	769	779	8	ı

Add Proportional Parts.

		0	1	2	3	4	5	6	7	8	9	D.	P.P.
	•21	748	751	754	756	759	762	764	767	769	772	3	
		775	777	780	788	785	788	790	793	796	798	8	
		801 827	804	806	809 835	812	81.4	817 843	819 846	822 848	825 851	2 3	l [
		854	830 856	833 859	861	$\begin{array}{c} 838 \\ 864 \end{array}$	840 867	809	872	875	877	3	
		002	000	(1170	004	0,01		0,00	****		.,,,		
		880	882	885	888	890	893	896	898	901	903	3	
		906	909	911	914	917	919	922	924	927	930	2	<b>!</b>
		932	935	937	940	948	945	948	951	958	956	2	1
		958	961	964	966	969	972	974	977	979	982	3	l I
		985	987	990	992	995	บบห	*000	*008	*006	*008	3	l 1
	.22	011	013	016	019	021	024	027	029	032	034	3	i I
١	~~	037	040	042	045	047	oño	053	055	058	060	ä	[ [
		063	000	068	071	074	076	079	081	084	087	2	1
ſ		089	092	094	097	100	102	105	108	110	113	23	<b>[</b>
-		115	118	121	123	126	128	131	134	136	139	2	
		411	7.11	4 1 200	4 11.	4	w er .	***	100	4 1114		44	
1		141	144	147	149	152	154	157	160	162	165	2	
1		$\frac{167}{194}$	170 196	$\frac{173}{199}$	175 201	$\frac{178}{204}$	181 207	183 209	186 212	188 214	191 217	3	
		220	222	225	227	230	233	285	238	240	248	3	
		246	248	251	253	256	259	261	264	266	269	3	
													1
1		272	274	277	279	282	285	287	290	292	295	8	
ĺ		298	300	303	305	808	811	818	316	318	321	8	1
- 1		324	826	829	331	884	337	339	342	344	847	8	
ı		850	352	855	357	860	808	365	368	370	373	3	
		876	878	881	888	386	889	391	394	396	399	2	
Į		401	404	407	409	412	414	417	420	422	425	2	
1		427	480	438	435	488	440	448	446	448	451	*2	
Ì		458	456	458	461	464	466	469	471	474	477	3	
		479	482	484	487	490	492	495	497	200	903	3	1
		505	508	510	513	515	518	521	623	526	238	3	
		581	534	536	589	541	544	546	549	552	554	3	· I
-		557	559	562	565	567	570	572	575	577	580	3	
- 1		583	585	588	590	598	896	598	601	608	606	2	1
- 1		608	611	614	616	619	621	624	មនិព	629	632	9	- 1
		684	637	689	642	645	647	650	652	655	657	۴,	- 1
		660	668	665	668	670	ano	e e e	का मा क	41494		_	
		686	688	691	698	696	673 699	675 701	678 704	681 706	688 709	3	1
		712	714	717	719	722	724	727	780	782	785	9	
		787	740	742	745	748	750	753	755	788	760	3	1
		768	766	768	771	778	776	778	781	784	786	3	
1		Mna	<b>#</b> A 4	est is a		***							
		789 814	791 817	794 819	796 822	799 825	802 827	804	807	809	812	2	ı
		840	848	845	848	850	858	880 888	882 888	888 861	887 868	3	
		866	868	871	878	876	879	881	884	886	889 889	2	- 1
		891	894	896	899	902	904	907	909	912	914	3	1
Į		A1 ==		***		51 mm		60 m 1					
į		917	920	922	925	927	980	982	935	937	940	3	1
į		948 968	945 971	948 978	950 976	953 978	985 981	958	961	963	986	2	
		994	996		*001	*004		984 *009	886 #019	989 *014	991 *017	3	1
	-23	019	022	024	027	030	032	035	037	040	042	3	
I							-						
1		045	047	050	058	055	058	060	063	065	068	2	
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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.	
1700	·23 045		050	053	055	058	060	068			2	- Pathether and Australia	inthu-1
$\frac{1}{2}$	070 096		076 101	078 104	081 106	083 109	086 111	088 114			1 3	1	
3	121		127	129	132	134	137	139			18		
4	147	150	152	155	157	160	162	165	167		12		
5	172	175	178	180	188	185	188	190			3	[	1
6 7	198 223	200 226	$\begin{array}{c} 203 \\ 228 \end{array}$	206 231	$\frac{208}{234}$	211 236	213 239	$\frac{216}{241}$	21H 244		8		1
8	249	251	254	256	259	261	264	267	209		2		ı
9	274	277	279	282	284	287	289	202	205		8		I
1710	300	802	305	807	310	812	315	317	820	822	8		1
$egin{array}{c} 1 \ 2 \end{array}$	325	328	330	388	385	888	840	848	345		3		ı
3	350 876	358 878	355 381	358 383	361 386	868 888	866 891	808 898	871 896		3		ı
4	401	404	406	409	411	414	416	419	421	424	2		
5	426	429	481	484	487	489	442	444	447		3		
6 7	452 477	454 480	$\begin{array}{c} 457 \\ 482 \end{array}$	459 485	462	464	467	469	472		3		۱
8	502	505	507	510	487 512	490 515	492 517	495 520	497	600 525	3 3		1
9	528	580	533	585	538	540	548	545	648		8		
1720	553	555	558	560	563	565	568	571	673	576	2		l
1 2	578 603	581 606	583 608	586 611	588 618	591	886	596	ABB	601	3		ı
3	629	631	634	686	689	616 641	618 644	021	623 649	026 651	3		ı
4	654	656	659	661	664	606	669	671	074	676	a		۱
5	679	681	684	686	689	691	694	697	ครุม	702	2		I
6 7	704 729	$\begin{array}{c} 707 \\ 782 \end{array}$	709	712	714	717	719	723	724	727	2		l
8	754	757	734 759	$\begin{array}{c} 787 \\ 762 \end{array}$	$\begin{array}{c} 789 \\ 764 \end{array}$	742 767	744 769	747 779	749	764 777	2		l
9	779	782	785	787	790	792	795	797	800	802	3		l
1780	805	807	810	812	815	817	820	822	825	H27	3		l
$egin{array}{c c} 1 \\ 2 \end{array}$	880	832	835	887	840	842	845	847	MAO	K52	B		l
8	855 880	857 882	860 885	862 887	865 890	867	870	872	875	877	3		l
4	905	907	910	912	915	892 917	895 920	897 922	900 92A	902 927	3		
5	980	982	985	937	940	942	945	947	950	ยลน	а		
6 7	955 980	957 982	960	962	965	967	970	972	97a	977	#		١
8	·24 005	007	985 010	987 012	990 015	992 017	995		4000	+002	3		l
9	080	082	035	087	040	042	020 045	022 047	028 080	027	n		
1740	055	057	060	062	065	067	070	072	075	077			
1 2	080 105	082	085	087	090	092	095	097	100		8		1
8	180	107 182	110 135	112 137	115	117	120	122	135	127	3		
4	155	157	160	162	140 165	142 167	145 170	147 172	150 175	152	3		
5	180	182	185	187	189	192	194	197	199	303	2		
6 7	204 229	207	209	212	214	217	219	222	324	227	2		l
8	229 254	282 257	234 259	237 262	289	242	244	247	249	252	2		
9	279	281	284	286	264 289	267 291	269 294	273 296	274 299	276 301	3		
1750	304	306	809	811	814	316	319	321	324	326	3		

Add Proportional Parts.

ſo.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
750	.24	304 	306	300	311	314	316	319	821	824	3 <b>2</b> 6	3	
ī		320	331	334	336	339	841	343	346	348	351	2	
$\hat{2}$		353	356	358	361	363	366	368	371	373	376	2	
3		378	381	383	386	388	391	393	396	898	400	3	
4		403	405	408	410	413	415	418	420	423	425	8	
5		428 452	430 455	$\frac{433}{457}$	$\frac{435}{460}$	$\frac{438}{462}$	440 465	$\frac{443}{467}$	445 470	448 472	$\frac{450}{475}$	10 10	
6 7		477	480	482	485	487	490	492	494	497	499	3	
8		502	504	507	500	512	514	517	619	622	524	8	
9		527	529	532	534	586	539	541	544	546	549	2	
760		551	554	556	559	561	564	506	509	571	578	8	
1. ]		576	578	681	683	686	888	591	593	596	598	8	
2		601	603	600	808	010	618	015	018	620	628	2	
8		025 050	628 652	$\begin{array}{c} 680 \\ 655 \end{array}$	$\begin{array}{c} 633 \\ 657 \end{array}$	085 060	638 662	640 665	$\begin{array}{c} 642 \\ 667 \end{array}$	$\begin{array}{c} 645 \\ 670 \end{array}$	$\begin{array}{c} 647 \\ 672 \end{array}$	3	
5		674	077	679	682	684	687	889	692	094	697	2	
ä		099	702	704	706	709	711	714	716	719	721	8	
7	'	724	726	720	731	733	736	738	7.11	743	746	2	
8		748	751	753	756	75H	761	768	705	788	770	8	
9		773	775	778	780	783	785	788	790	792	795	2	
70		797 822	80 <b>0</b> 824	802 827	805 829	807 832	810	812 837	814 839	H17	819 844	8 2	
2		840	840	851	854	856	859	861	864	800	ROR	8	
3		871	873	876	878	881	888	HHB	HHH	890	898	23	
4		895	898	900	903	905	рон	910	912	915	917	8	
5		920	922	925	927	930	932	935	937	939	942	2	
6		944	947	949	952 976	$\frac{954}{979}$	957 981	959 988	961 986	964 988	966 991	3 2	
8		969 993	$\begin{array}{c} 971 \\ 996 \end{array}$	974 998		*003	*005				#015	3	
9	.25		020	022	025	027	080	032	035	037	040	3	
80		042	044	047	049	052	054	057	059	062	064	: 2	
1		006	000	071	074	076	079	OHI	CRO	ONO	OHH	8	
2		091	093	096	098	101	103	195 130	10H 132	110	113	2	
8		115 139	118 142	120 144	$\frac{122}{147}$	125 149	197 152	154	157	159	161	2 2	
В		164	166	169	171	174	176	17H	181	183	186	t1	
6		144	191	193	195	1111	200	203	205	HOE	210	2	
7		912	915	217	220	rietti	225	P 10 10 1	220	있음없	234	1 3	
8		287 261	239 203	242 266	30x	246 271	249 278	251 276	254 27 n	256 280	yan yan	77 77	
190		285	288	290	293	205	297	300	302	305	307	3	
ı		310	312	314	317	319	355	324	327	829	331	3	
2	,	884	330	339	341	343	346	348	351	ដង់ន	Hati	2	
8		868	360	303	300	Hin	370	272	375	377		3	
4	;	382	ana	347	280	302	왕성4	397	មួយ	402	404	3	
5 6		406 431	409 433	411 435	414 438	416	419	421 445	423 448	426 450	428 452	2 2	
7		455 455	487	460	462	464	443 467	469	472	474	477	. 2	
8		479	481	484	480	4.85	491	493	456	450 H	501	9	
9		503	506	508	510	513	MIN	BIN	520	622	ana	2	
800		527	580	582	584	837	ARA	842	844	547	248	2	

5 M.T.

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1800	.25	527	530	532	584	537	539	542			549	2	The state of the s
1		551	554	556	559	561	563	566	568		573	2	
2	}	575	578	580 604	583 607	585 609	588 612	590 614	592 616		597 621	3	
3 4		600 624	60 <b>2</b> 626	628	631	683	686	638	641	648	045	8	
5		648	650	653	655	657	660	662	665	667	669	3	
6	}	672	674	677 701	679 703	681 705	684 708	686 710	689 718	691 715	693 717	3	
7 8		696 720	$\frac{698}{722}$	725	727	729	782	784	787	780	741	3	
9		744	746	749	751	758	756	758	761	763	765	3	
1810		768	770	773	775	777	780	782	785	787	789	3	
1		792 816	$\begin{array}{c} 794 \\ 818 \end{array}$	$797 \\ 821$	$\begin{array}{c} 799 \\ 823 \end{array}$	801 825	804 828	806 880	809 888	811 885	813 837	3	
2 8	1	840	842	845	847	849	852	854	857	អត្តម	HBI	3	
4		864	866	869	871	873	876	878	880	вин	нна	8	
5		888	890	892	895	897	900	902	904	907	808	я	
6 7		912 935	914 938	$916 \\ 940$	919 943	$\begin{array}{c} 921 \\ 945 \end{array}$	924 947	926 950	92H 952	931 988	933 957	2	
8		959	962	964	967	969	971	974	976	978	181	2	
9		988	986	988	990	998	995	998	+000	*002	*005	2	
1820		007	010	012	014	017	019	021	024	026	029	2	
1 2		081 055	033 057	086 060	088 062	041 064	048 067	045	048 072	050 074	052 076	3	
3		079	081	083	086	088	081	093	095	ONN	100	9	
4		102	105	107	110	112	114	117	119	122	124	: 3	
5		126	129	131	133	136	188	141	148	145	148	2	
6 7		150 174	$\begin{array}{c} 152 \\ 176 \end{array}$	155 179	157 181	160 183	162 186	184	167 190	169 193	171 195	3 3	- 1
8		198	200	202	205	207	209	212	214	217	2111	3	1
9		221	224	226	<b>22</b> 8	231	283	236	238	240	242	2	1
1880		245	247	250	252	255	257	259	262	264	200	4	1
1 2		269 293	271 295	274 297	276 300	278 802	281 804	283 307	285 209	288 212	314	3	1
8		816	819	821	828	826	828	330	333	335	aan	2	l
4		840	842	845	847	849.	852	354	357	859	361	3	I
5 6		864	866	868	371	878	875	37H	380	383	385	2	
7		887 411	300 413	892 416	894 418	897 420	399 428	401 425	404 427	406 430	409	2	l
8		485	487	439	442	444	446	449	481	458	482 486	3	
9	•	458	461	468	465	468	470	479	475	477	479	ä	1
1840		482	484	487	489	491	494	496	498	501	aoa	2	1
2		505 529	508 581	510 584	512 586	515 588	517 541	520 549	お放出 のよう	824	B27	2	l
8		558	555	557	560	562	564	548 567	545 569	54H 571	550 574	3	į
4		576	578	581	583	586	588	590	593	595	897	i	l
5		600	602	604	607	609	611	614	616	618	621	2	I
7		623 647	626 649	628 651	680 654	688 656	685	637	640	642	644	33	I
8 }	(	670	678	675	677	680	658 682	661 684	663 687	665 689	691	3 3	j
9	. (	694	696	698	701	708	705	708	710	712	715	2	l
1850		717	720	722	724	727	729	731	734	736	738	8	1

	.0	1	2	3	4	5	6	7	8	9	D.	P.P.
·26	717 741	720 743	722 745	724 748	727 750	729 752	731 755	784 757	736 759	738 762	3 2	
	764 788 811	766 790 813	769 792 816	771 795 818	773 797 820	776 799 823	778 802 825	781 804 827	783 806 83 <b>0</b>	785 809 832	3 2 2	
	834 858 881	887 860 884	889 862 886	841 865 888	844 867 891	846 869 893	848 872 895	851 874 898	853 877 900	855 879 902	8 23 35 6	
	905 928 951	907 930 954	909 933 956	912 935 958	914 937 961	916 940 963	919 942 965	921 944 968	923 947 970	926 949 972	2 2 8	
·27	975	977	979 *003 026 049	982	984	980	989	991	998 *017 040 068	996	2 2 2 2	
	068 091	070 093	073 096	075 098	077 100	080 103	082 105	084 107	087 110	089 112	2 2	
	114 188 161	117 140 163	$119 \\ 142 \\ 166$	121 145 168	124 147 170	126 149 173	128 152 175	131 154 177	188 180 180	135 159 182	3 2 2	
	184 207 231 254	186 210 233 256	189 212 285 258	191 214 238 261	193 217 240 263	196 219 242 265	198 221 245 268	200 224 247 270	203 226 249 272	205 228 251 275	2 3 3 2	
	277 800	279 802	282 305	284 307	286 309	289 812	291 314	293 316	295 319	298 321	2	
	323 346 370 393	826 849 872 805	328 351 374 397	330 353 376 400	333 356 379 402	835 858 881 404	337 360 383 407	339 343 346 409	342 365 388 411	344 367 390 413	2 3 3 3	
	410 489 462	418 441 464	420 448 467	428 446 469	425 448 471	427 450 478	480 488 476	482 455 478	484 487 480	487 460 488	2 2 2	
	485 508	487 510	490 518	492 515	494 517	497 520	499 522	501	527	508 529	2	
	531 554 577 600 628	533 556 579 602 625	586 559 582 605 628	538 561 584 607 630	540 563 586 609 632	543 566 589 612 685	548 568 591 614 637	547 570 593 616 639	550 573 596 619 642	552 575 598 621 644	0000000	
	646 669 692 715	648 671 694 717	651 674 697 720	653 676 699 722	655 678 701 724	658 681 704 727	660 683 706 729	662 685 708 781	665 688 710 733	667 690 713 736	9999	
	788 761	740 763	748 766	745 768	747 770	749 772	752 775	754 777	786 779	759 782	2 2	
	784 807 830	786 809 832	788 811 834	791 814 836	793 816 839	795 818 841	798 820 843	800 828 846	848 848	804 827 850	3 3 2	
	852 875	855 878	857 880	859 882	86 <b>2</b> 885	864 887	866 889	869 891	871 894	873 896	2	

1700	2000									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-
No.	0	1	2	3	4	5	6	7	8	9	1)	P.P.
1000	97 97	878	880	882	885	887	889	891	894	896	2	
1900	·27 875		903	905	907	910	912	914	910		2	1
2	921		926	928	930	933	935	937	939		2	
3	944		948	951	953	955	958	960	2162		3	
4	967	969	971	974	976	978	980	983	ន្តអន	987	2	
5	989	992	994	996	999	*001	*003	+005			3	
6	28 012		017	019	021	024	026	028	031	033	2	]
7	088		040 062	042 065	044 067	046 069	049	$-051 \\ -074$	053 076		2 2	
8 9	081		085	087	090	092	094	097	099		្ន	
1910	108	106	108	110	112	115	117	119	122	124	2	
1310	120		131	188	185	137	140	142	144		4	
2	149		153	156	158	160	162	165	107		1 2	
8	171		176	178	181	188	185	187	190		2	
4	194	196	199	201	203	200	208	210	212	215	2	
5	217		221	224	226	228	230	233	235		3	
6 7	240		244	246	249	251	253 276	255	gha gan		2	
8	262 285		$\begin{array}{c} 267 \\ 289 \end{array}$	$\frac{269}{292}$	$\frac{271}{294}$	274 296	398	278 201	240 303		<u> </u>	
ğ	307		312	314	817	319	321	828	826		3	
1920	880	332	335	337	339	841	344	346	348	850	3	
1	853		357	860	362	864	360	200	371	875	3	
2	875		880	882	884	887	389	391	303		. 13	
8	898		402	405	407	409	411	414	416		28	
4	421	423	425	427	480	482	484	436	489	441	2	
5	448		448	450	452	454	457	459	481	403	Я	
6 7	466		470 498	472	475	477	479	411	484	4741	2	
8	511		515	495 517	497 520	499 522	602 624	504 526	and bug	ana Ika	75 52	
9	588		538	540	542	544	547	248	aai	aaa	3	1
1980	556	558	560	562	565	567	569	571	574	576	2	
1	578	580	583	585	587	589	692	8µ4	Aun	āun	a	]
2	601		605	607	610	612	614	616	nin	621	2	
8 4	628		628	680	682	634	637	ពង្គម	641	643	11	J
ļ.	040	648	650	652	655	657	659	661	004	aau	2	
5	668		678	675	877	679	682	684	GRG	经额外	8	1
6 7	691	693	695	697	700	702	704	700	704	711	2	1
8	713 785	715 788	717 740	$720 \\ 742$	722	724	720	729	741	733	2	1
9	758	760	762	764	744 767	747 769	749 771	7a1 77a	753 776	756 778	2	- 1
1940	780	782	785	787	789	791	794					
1	808		807	809	812	814	816	796 818	798 820	MOU - NZ3	3	ĺ
2	825	827	829	882	884	886	838	841	14 14 14	MAD :	1	ĺ
8	847	850	862	854	856	858	861	843	MMA	Hd7	3	1
4	870	872	874	876	879	881	888	BBS	an?	Ngo	2	1
5 6	892	894	896	899	901	908	905	908	910	912	2	1
7	914 987	917 939	919	921	928	925	928	930	932	934	3	1
8	959	961	941 968	943 966	946 968	948	950	952	954	987	3	-
9	981	983	986	988	990	970 992	972 995	974 997	977 999	\$001	77	1
1950	·29 008	800	008	010	012	015	017	019	021	024	2	
00										9	- 1	1

P.P.										
D.	2 2 2 2 3	2 2 2 3	92333	21 21 22 22 22 22	20 20 20 CO	***	21 to 121 to 24	~ ~ ~ ~ ~ ~ ~		2
9	024 046 068 090 112	135 157 179 201 223	246 268 290 312 334	356 378 400 422 444	466 488 511 588 555	576 598 620 642 664	086 708 730 752 774	798 818 839 861 883	905 927 949 970 970	*014
8	021 044 066 088 110	132 155 177 199 221	243 265 288 310 332	354 376 398 420 442	464 486 508 530 552	574 596 618 640 662	684 706 728 750 772	794 815 837 859 881	903 925 946 968 990	+012
7	019 041 064 086 108	130 152 175 197 219	241 263 285 308 330	352 374 896 418 440	402 484 506 528 550	572 594 616 638 660	682 704 726 748 769	791 813 835 857 879	901 922 944 966 988	*010
6	017 039 061 084 106	150	239 261 283 305 327	350 372 394 416 438		570 592 614 636 658	680 702 724 745 767	789 811 833 855 877	898 920 942 964 986	+007
5	015 037 059 081 104	126 148 170 192 215	237 259 281 303 325	347 369 391 414 436	458 480 502 524 546	568 590 612 684 656	677 699 791 748 765	787 809 831 853 874	896 918 940 962 983	*005 027
4	012 035 057 070 101	124 146 168 190 212	234 257 279 301 328	345 367 389 411 483	455 477 499 522 544	566 587 609 631 658	675 697 719 741 763	785 807 829 850 872	894 916 938 959 981	*003 025
3	010 032 055 077 099	121 144 166 188 210	232 254 277 299 321	343 365 387 409 431	453 475 497 519 541	568 585 607 629 651	678 695 717 789 761	783 804 826 848 870	892 914 985 957 979	*001 028
2	008 030 052 075 097	119 141 164 186 208	230 252 274 296 319	341 863 385 407 429	451 473 495 517 539	561 583 605 627 649	671 693 715 787 759	780 802 824 846 868	890 911 983 985 977	999 020
1	006 028 050 072 095	117 139 161 183 206	228 250 272 294 316	338 361 383 405 427	449 471 493 515 537	559 581 603 625 647	669 691 713 734 756	778 800 822 844 866	887 909 931 953 975	996 018
0	003 026 048 070 092	115 137 159 181 203	226 248 270 292 314	336 858 880 403 425	447 469 491 513 535	557 579 601 623 645	667 688 710 732 754	776 798 820 842 863	885 907 929 951 973	994 016
	29									80

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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2000	30 103	105	107	110	112	114	116	118	120	123	2	
1	125	127	129	131	133	136	188	140			2	1
2	146	149	151	153	155	157	159	162	164		2	ŀ
3	168	170	172	175	177	179	181	188	185	188	2	1
4	190	192	194	196	198	201	203	205	207	209	2	Ì
5	211	214	216	218	220	222	224	227	229		2	
6	233	235	287	240	242	244	246	248	250		3	Ì
7	255	257	259	261	263	200	268	270	272		2	
8 9	276 298	279 300	281 302	288 304	285 307	287 309	289 311	292 313	294 315		3	
\$				900		000		e1 61 81	600			
2010	320 341	$\frac{322}{343}$	324 346	326 348	828 850	880 852	333 354	225 256	887	839	2	
1 2	368	305	867	869	871	374	376	378	aar ore	361 342	22 23	
3	384	887	389	391	898	895	397	300	402	404	2	
4	406	408	410	412	415	417	419	421	423	425	8	
İ												
5	428	480	482	484	486	438	440	448	445	447	2	
6	449	451	453	456	458	460	462	464	486	461	3	
7 8	471	478 494	475 496	477 499	479	481	484	486	4 11 11	490	3	
ĝ	514	516	518	520	501 522	508 524	505 537	507	509	511	3	
		0.1.0	010	040	UDA	O-84	U# (	529	631	833	2	
2020	585	587	539	542	544	546	548	850	852	354	a	
1 2	557 578	559 580	561 582	568	565	567	570	572	674	574	2	
8	800	602	604	585 606	587 608	589 610	591 612	503	595	347	3	
4	621	628	625	627	630	682	634	618	617	619	3	
5	040	OAK	0.45	0.40								
R	648	645 666	647 668	649 670	651	658	655	688	660	662	2	
6 <b>7</b>	685	688	690	692	$\begin{array}{c} 678 \\ 694 \end{array}$	675 696	677 698	679	081	RHN	2	
8	707	709	711	718	715	718	720	700 722	703 724	708 726	2	
9	728	780	782	785	737	789	741	743	745	747	3	
2080	750	752	754	756	758	760	762	785	767	769		
1	771	778	775	777	780	782	784	786	78H	790	2 2	
2	792	795	797	799	801	808	805	807	809	812	2	
8	814	816	818	820	822	824	827	829	831	иня	9	
4	885	887	889	841	844	846	848	850	852	NS4	2	
٠ ق	856	859	861	868	865	867	869	871	874	876	2	
6	878	880	882	884	886	888	891	893	898	897	2	
7	899	901	908	905	808	910	912	914	916	918	2	
8 9	920	928	925	927	929	931	933	935	937	940	23	
	942	944	946	948	950	952	955	957	959	961	2	,
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5 6	069	071	074		078	080	082	084	086	ORR	8	
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8	112 133	114	116	118	120	122	125	127	129	131	2	
9	154	135 156	187 158	139 161	141 163	144	146	148	150	152	2	l
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7		823	326	328	330		884					3	
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9		866	368	370	372	874	376				885	2	
P		387	389	891	898	395	897		401	404	406	2	
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23		450	452	454	456	457	460		444 465	467	469	2	
Ĺ.		471	478	475	477	479	481	484	486		490	2	
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		848	850	852	854	886 856	888 859	840 861	842 868	844 865	846 867	2	
1		869	871	878	875	877	879	881	884	886	888	2	
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6	346	348	350	352	354	350	358	360	862	364	3	
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5	736	788	740	742	744	746	748	780	743	754	2	
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3	899	901	903	905	907	808	911	913	915	917	2	
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6	960	962	964	966	968	970	972	974	976	978	2	1
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		746	748	750	753	754	756	758	760	762	764	2	
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2600	·41 497	499	<b>501</b>			506						
1	514	516	517			522					23	
2	531	532	534 551			539 556					1	
3 4	547 564	549 566	567			572						
5	581	582	584	580	587	683	591	h92	594	596	1	
6	597	599	601			606	607			612	23	
7	614	616	617			622	624			629	2	
8 9	631 647	$\begin{array}{c} 632 \\ 649 \end{array}$	$634 \\ 651$			639 656	$\frac{641}{657}$			646 662	1 3	
2610	664	660	667	669	671	672	674	676	677	679	3	
1	681	682	684	686		689	691	692	694	dug	1	1
2	697	699	701	702		706	707	700	711	712	23	
3	714	716	717	719	721	722	724	726	727	729	1 2	1
4	731	732	784	786	737	789	741	743	744	746	1	
5 6	747	749	750	752		755	737	759	760	762	2	
7	764 780	765	767	769	770	773	774	775	777	7711	1	
8	797	782 799	784 800	785 802	787 804	789 805	790 807	792	794	795	2	
9	814	815	817	819	820	822	823	ROB	810 827	H12 H2H	27 27	
2620	830	832	833	835	887	838	840	H42	H43	845	1 11	
1	847	848	850	852	858	855	857	HAH	MHO	Hdy	lï	
2	863	865	867	808	870	872	H73	H75	H77	N"N	2	
3 4	880	881	888	885	886	HRH	890	Hai	иня	MHA	1	
1	896	898	900	901	903	905	906	908	910	911	2	
5	913	915	916	918	920	921	928	925	926	UZH	1	
6 7	929	981	988	984	986	938	មុខម	1144	943	914	2	
8	946 963	$948 \\ 964$	949 966	951 967	953	954	956	988	959	1411	2	
9	979	981	982	984	969 986	971 987	972 989	974 991	976 992	977	72	
2680	996	997	999	*001	*003	+004	*008	*007	*009		-	
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2	029	080	082	084	085	037	oan	040	042	043	12	
8	045	047	048	080	052	053	055	037	OAN	uno	2	
4	062	068	065	067	890	070	071	073	075	070	2	
5	078	080	081	088	085	086	088	090	091	093	2	
6	095	980	098	099	101	103	104	106	108	109	2	
7 8	111	118	114	116	118	119	121	123	124	126	î	
s l	127 144	129 146	181	132	134	136	137	129	141	142	9	
		7.40	147	149	151	152	154	155	157	159	1	
2640 1	160 177	162 178	164	165 182	167	169	170	172	174	175	2	
2	198	195	197	198	188 200	185	187	188	190	192	1	
8	210	211	218	215	216	201 218	203	208	206	201	3	
4	226	228	229	281	288	284	220 236	221 238	223 239	225 241	1 2	
5	248	244	246	247	249	251	252	254	250			
6 7	259	261	262	264	266	267	269	270	272	257 274	2	ı
8	275 292	277	279	280	282	284	285	287	289	290	3	1
9	392 308	298 310	295	297	298	300	802	303	305	207	î	ı
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2650	825	826	328	330	331	388	384	336	338	339	2	I

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2650	·42 325	826	828	330	831	333	834	336	338	339	2	
1	341	343	344	346	348	349	351	352	354	356	1	
2	357	359	361	862	364	366	367	369	370	372	2	
3	374	375	377	379	880	882	384	885	387	388	2	
4	890	392	393	895	397	398	400	402	403	405	1	
5 6	400 423	408 424	410 426	411 428	413 429	415 431	416 433	$\frac{418}{434}$	420 436	421 438	2	
7	439	441	442	444	446	447	449	451	452	454	l i	
8	455	457	459	460	462	464	405	467	469	470	2	
g	472	478	475	477	478	480	482	483	485	487	1	
2660	488	490	491	493	495	496	498	500	501	503	1	
1	504	506	508	500	511	513	514	516	518	519	2	
2 3	521 537	522 539	524	$\frac{526}{542}$	527	529	531	53 <u>2</u> 549	534	635	3	
4	553	555	$\begin{array}{c} 540 \\ 557 \end{array}$	558	544 560	545 562	547 563	565	044 084	552 568	1 2	
5	570	571	578	575	576	<b>57</b> 8	579	581	583	584	2	
Ğ	586	588	589	591	593	694	596	697	599	601	ĩ	
7	602	604	606	607	609	610	612	614	615	617	2	
8	619	020	622	028	625	627	028	630	632	633	22	
Đ	635	636	638	640	04 L	643	645	646	ផ្សេ	649	2	
2670	651	653	054	656	658	639	661	663	664	666	1	
1	667	009	671	672	674	676	677	679	880	682	2	
2 3	684 700	685 702	$\frac{687}{703}$	089 705	690 706	692 708	693 710	698 711	697 713	698 715	2	
4	716	718	719	721	723	724	720	728	729	781	î	
5	782	734	736	737	739	740	742	744	745	747	2	
6	749	750	752	758	755	757	758	760	762	763	3	
7	765	766	768	770	771	773	775	776	77H	7711	2	
8	781	788	784	786	788	789	791	792	704	796	1	
9	797	799	801	802	H04	805	807	нор	810	812	1	
2680	818	815	817	818	820	822	828	R25	H26	HZH	3	
1 1	880	831	833	835	886	HSH	Rag	H41	848	H44	2	
2 3	846	847	849	861	852	854	HAG	K57	ная	RBU	2	
4	802 878	864 880	865 881	867 888	869 885	870 880	872 888	873 890	875 891	877 848	1 1	
5	894	896	898	899	901	១០ឧ	904	906	907	ឧ០ឧ	2	
6	911	912	914	915	917	919	920	922	924	925	2	
7	927	928	930	932	933	985	936	ран	940	941	2	
8	948	945	946	948	949	ua 1	eay	984	956	957	2	
9	959	961	962	964	មថថ	967	ឧទន	970	973	474	1	
2690	975	977	978	980	982	983	985	987	яни	990	1	
1 9	991	993	995	996	998	999			*004	*000	2	
2 8	48 008 024	009 025	011	028	014	016	017	019	020	022	2	
4	040	041	048	045	046	04 K	033	035 051	037 053	03K 054	77 77	
5 6	056 072	057 074	059	061	062	064	086	067	uap	070	2	
7	088	090	075 091	077 093	078 095	080 080	082 098	083 099	085 101	086	2	
8	104	106	107	109	111	112	114	115	117	103	1	
9	120	122	124	125	127	128	180	132	133	135	1	
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3 4 5 6 7 8	345 361 377 393 409 425 441	347 363 379 395 411 427	348 364 380 396 412	350 366 382 398	851 867	868	355	356			12	
5 6 7 8	861 877 898 409 425 441	363 379 395 411 427	380 396 412	366 382 398	367				354	45.11		
5 6 7 8	877 898 409 425 441	379 395 411 427	380 396 412	382 398		age		41 44 41			2	
6 7 8	898 409 425 441	395 411 427	$\frac{396}{412}$	398	888			872	374	376	2	
8	409 425 441	411 427	412			885	387	нив	390	aut	2	
8	425 441	427		414	$\frac{399}{415}$	401	403	404	406	407	3	
	441		428	430	431	417	419 485	420	422	423 439	2 2	
9	457		444	446	447	449	451	483	434	455	12	
2720		458	460	463	468	465	466	* ** **	4 77			
1	478	474	476	478	479	481	482	488	470 486	471 487	2	
2	489	490	492	494	495	497	498	តិបប	502	ana	13	
3 4	505 521	$\begin{array}{c} 506 \\ 522 \end{array}$	208	510	511	513	514	516	BIH	519	2	
		022	524	525	527	529	530	532	533	535	2	
5 6	587	588	540	541	548	545	646	ñ4H	540	661	2	
7	553 569	554 570	$\begin{array}{c} 556 \\ 572 \end{array}$	557 578	559 575	561	569	564	ana	547	23	
8	584	586	588	589	591	576 592	578 594	580 596	581 597	ana auu	!	
9	600	602	604	605	607	608	610	611	613	615	1	
2780	616	618	619	621	623	624	626	627	629		. !	
1	682	634	685	637	639	640	049	643	045 045	631	1 21	
3	$648 \\ 664$	650 666	651	658	654	656	858	659	001	882	2	
4	680	681	667 688	669 685	670 686 -	672 688	673	675	677	117M	**	
ĸ						บดูด	689	691	ova	934	-	
5 6	$\begin{array}{c} 696 \\ \textbf{712} \end{array}$	697 718	699	700	702	704	705	707	70H	710	**	
7	727		$\begin{array}{c} 715 \\ 781 \end{array}$	$\begin{array}{c} 716 \\ 782 \end{array}$	718 784	720	721		734	726	1	į
8	743	745	747	748	750	735 751	737 753	739 754	740	742	i	- 1
9	759	761	762 .	764	766	767		770	756 772	70H   77H	1	
2740	775	777	778	780	781	783					-	
1	791	792	794	796	797		42 64 11	69 45 44	7 NB	789 805	#	ľ
3			810	811	813	815	816		819	821	2	ı
4				827 848	829 845	830 846		H214	835	HN7	1	I
5						640	OFO	849	H51	HAN	1	
6,				859 878	861	862			867	HIH	2	l
7 ]				875 891	876 892	878 894			HHH	NH4	2	]
8	902	908	905	906	908	910					2	ı
9	917				924	925	40 Marian			916	1	
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		965	951 966	952 968	954	955	957	$959 \\ 974$	960	962	963	2	
		981	982	984	970 985	$\frac{971}{987}$	973	990	$976 \\ 992$	$\begin{array}{c} 977 \\ 993 \end{array}$	979	3	
		996			*001		989			*000	995 *011	1	
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		028	029	031	033	034	036	037	039	041	042	2	
ĺ		044	045	047	048	050	052	053	055	056	058	1	
		059	061	068	064	066	067	069	070	072	074	1	1 1
		075	077	078	080	081	083	085	086	088	089	2	
		091	002	094	096	097	099	100	102	108	105	2	
		107	108	110	111	113	115	116	118	119	121	1	
į		122	124	126	127	129	180	132	133	185	137	1	1 1
1		138	140	141	143	144	146	148	149	151	152	2	
		154	155	157	159	100	162	163	105	106	168	2	1
		170	171	178	174	176	177	179	181	182	184	1	
į		185	187	188	190	191	193	195	196	198	199	2	
		201	202	204	206	207	209	210	212	213	215	2	
ı		217	218	220	221	223	224	226	228	229	281	l ï	
1		232	234	235	237	239	240	242	243	245	246	2	
ļ		248	250	251	253	254	050	087	020	001	000		
1		264	265	207	268	270	256 271	257 278	259 275	261 276	262 278	2	1
1		279	281	282	284	286	287	289	290	292	293	2	1 1
		295	297	298	300	301	303	304	306	808	309	2	1 1
ļ		811	312	814	815	817	818	820	322	823	325	ī	
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1		858	359	361	862	348 364	350 365	351 367	353 369	854	856	2	]
1		878	375	376	378	379	381	888	384	370 386	872 887	1 2	
		889	390	392	894	395	897	398	400	401	403	1	
		101	100	100	400								
1		404	406	408	409	411	412	414	415	417	419	1	
1		420 436	422 437	423 489	425	426	428	429	481	438	434	2	
1		451	453	454	440 456	442 458	444 459	448	447	448	450	1	•
1		467	468	470	472	478	475	476	462 478	464	465 481	2 2	
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1		483	484	486	487	489	490	493	498	495	497	1	
1		498	500	501	503	504	506	507	509	511	812	2	
1		$\begin{array}{c} 514 \\ 529 \end{array}$	515 531	517	518	520	521	523	525	526	628	1	z (
1		545	546	532 548	534 550	586 551	53 <b>7</b> 553	589 554	540 556	542 557	848 880	2	1
1		W	W % U	(, A ()	GUV	uut	uua	ភពផ	4440	001	តិនិទ្ធ	1	
1		560	562	564	565	567	568	570	571	673	574	2	
		576 800	578 809	579	581	582	584	585	587	ana	590	2	
1		592 607	598 609	595 610	596	598	599	601	602	604	606	1	1
		623	624	626	612 627	618 6 <b>29</b>	615 630	616	818	620	621	3	1
۱		JAH	UAT	UBU	Uäl	vay	oau	682	684	635	637	1	( I
		638	640	641	648	644	646	648	649	651	652	2	
1		654	655	657	658	660	661	663	665	666	668	1	
1		669	671	672	674	675	677	679	680	682	683	2	
1		685 700	686 702	688 708	689 705	691 706	698 708	694 710	696 711	697 713	699 714	1 2	
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2	74		750	751	753	755	756	758	759	761	1	
3	76		765	767	769	770	772	773	775	776	2	
4	778	3 779	781	782	784	780	787	789	790	792	1.1	
5	79:	8 795	796	708	799	801	808	804	ROG	807	**	•
6	809		812	813	815	817	818	820	821	нци	1	
7	82		827	829	830	832 847	834 849	885 851	837 883	HIIH H54	2	
8 9	840		843 858	844 860	846 861	868	864	Non	អព្រ	H69		
2810	87:	L 872	874	875	877	878	SHO	881	HHR	NHS	1	
2010	886		889	891	893	894	402	897	HUH	Steen	23	
2	903		905	906	908	909	911	912	914	915	23	
3	917		920	922	923	925	មួនជ	(1:3)H	11 12 14	181	, i	
4	932	934	935	937	939	940	843	843	842	1144	: #	
5	948		951	952	954	986	957	ลวก	udo	4	1	•
6	963		966	968	969	97 L	973	1174	មុះព	W. T	- 1	
7	979		982	983	985	986	HRU	989	54W I	\$9 24 24	. 1	
8	999		997		*000					-titini		
9	45 010	011	018	014	016	017	010	030	022	លដូង	2	
2820	02		028	080	081	088	034	ngo	037		1	
1	040		043	045	046	048	050	051	053	054	2	
2 3	050		059 074	060 076	062 077	063 079	680 080	066 083	RBO BBQ	070 085	1	
4	080		090	091	093	094	096	097	000	100	2	
5	10:	103	105	106	108	110	111	113	114	116		
6	111		120	122	123	125	126	124	130	131	2	
7	18	3 184	186	137	139	140	143	143	145	1 411	. 3	
8	14		151	158	154	180	157	150	1410	1 tig	1	
9	16	8 165	166	168	169	171	173	174	176	177	3	
2830	179		182	188	185	188	188	189	191	192	- 5	
1	19		197	199	200	202	sos	203	Bun	204	1	
2	20		212	214	215	217	219	330	223	222	70	
8	22		228 248	229 245	281 246	232	234	aan	237	製造権		
	1		410	440		348	340	251	252	204	1	
5	25		258	260	261	203	364	200	걸리되	244	2	
6	27:		274	275	277	278	340	281	SMS	244	2	
7 8	280 30		289 304	291	292	304	295	297	298	300	1	
ĝ	817		320	806 <b>32</b> 1	307 828	954 208	310 320	312 327	313 324	ala oza	25	
2840	38	388	885	886	338						,	
ľ	84		850	852	353	229 222	341 454	343	344	器を終	9 1	
2	86		865	867	369	355 370	356 373	35H 373	339 375	361 376	1 2	
8	87	3 879	881	882	884	385	887	HAH	340	391	2	
4	89	894	896	898	899	401	402	404	405	407	1	
5	40		411	418	414	416	417	419	420	423		
6	42		427	428	480	481	433	434	420	437	2	
7 8	48		442	448	445	446	448	449	451	453	2	
9	45		457 472	459 474	460 475	462 477	463 478	468 480	488	den Erb	1	
2850	48		488	489	491	492	494	495	497	498	3	
38	<u>'</u>			4.33								

					LO	GS.				28	00 -	- 2900
	0	1	2	3	4	5	6	7	8	9	D.	P.P.
•45	484 500 515 530 545	486 501 516 532 547	488 503 518 533 548	489 504 520 535 550	491 506 521 536 551	492 507 523 538 553	494 509 524 539 555	495 510 526 541 556	497 512 527 542 558	498 513 529 544 559	2 2 1 1 2	
	561 576 591 606 621	562 577 593 608 623	564 579 594 609 624	565 580 596 611 626	567 582 597 612 627	568 583 599 614 629	570 585 600 615 631	571 586 602 617 632	573 588 603 618 684	574 590 605 620 685	2 1 1 1 2	
	637 652 667 682 697	638 658 668 684 699	640 655 670 685 700	641 656 672 687 702	648 658 678 688 703	644 659 675 690 705	646 661 676 691 706	647 662 678 693 708	649 664 679 694 709	650 665 681 696 711	2 2 1 1 1 1	
	712 728 743 758 773	714 729 744 759 775	715 731 746 761 776	717 732 747 762 778	719 734 749 764 779	720 735 750 765 781	722 737 752 767 782	723 738 753 769 784	725 740 755 770 785	726 741 756 772 787	2 2 1 1	
	788 803 818 834 840	790 805 820 835 850	791 806 821 837 852	793 808 828 838 858	794 809 824 840 885	796 811 826 841 856	797 812 828 848 858	799 814 829 844 859	800 815 831 846 861	802 817 882 847 862	1 2 2 2	
	864 879 894 909 924	865 880 895 911 926	807 882 897 912 927	868 888 899 914 929	870 885 900 915 930	871 886 902 917 982	873 888 903 918 938	874 889 905 920 935	876 891 906 921 936	877 802 908 928 938	22111	
·46	939 954 969 984 000	941 956 971 986 001	942 957 972 987 988	944 959 974 989 994	945 960 975 990 006	947 962 977 992 007	948 968 978 994 009	950 965 980 995 <b>010</b>	951 966 981 997 012	953 968 988 998 810	11122	
	015 030 045 060 075	016 031 046 061 076	018 033 048 003 078	019 034 049 064 079	021 036 051 066 081	022 087 052 067 082	024 089 054 009 084	025 040 055 070 085	027 042 057 072 087	048 048 058 058 088	84 24 84 84 84	
	090 105 120 185 150	091 106 121 186 151	098 108 128 138 153	094 109 124 139 154	096 111 126 141 156	097 112 127 142 157	099 114 129 144 159	100 115 130 145 160	102 117 132 147 162	103 118 133 148 163	24 24 24 24 24 24 24 24 24 24 24 24 24 2	
	165 180 195 210 225	166 181 196 211 226	168 183 198 218 228	169 184 199 214 229	171 186 201 216 231	172 187 202 217 282	174 189 204 219 234	175 190 205 220 235	177 192 207 222 237	17x 193 208 223 288	60 52 52 50 50	
	240	241	248	244	246	247	249	250	252	253	3	90

No.	0	1	2	3	4.	5	6	7	8	9	1).	P.P.
2900	·46 240	241	243	244	246	247	249	250	252	253	2	
2300	255	256	258	259	261	262	264	265	267	Stin	23	
2	270	271	273	274	276	277	279	280	일본입	283	2	
3	285	286	288	289	291	292	294	295	297	298	2	
4	300	301	303	304	306	307	309	310	312	313	2	
5	315	316	318	319	321	322	324	825 840	327 342	328 343	2 2	
6	330	331	383	334	336	837 852	339 353	388	356	358	iil	
7	345	346	$\begin{array}{c} 347 \\ 362 \end{array}$	$\frac{349}{364}$	$\frac{350}{365}$	367	368	370	371	878	i	
8 9	$\frac{359}{374}$	$\frac{361}{376}$	377	379	380	382	383	385	386	зин	i	
2910	389	391	392	394	395	397	898	400	401	403	1	
1	404	406	407	400	410	412	413	415	416	41 N	1	
2	419	421	422	424	425	427	428	430	431	433	1	
3	434	436	487	439	440	442	443	444	446	447	2	
4	449	450	452	453	455	456	458	459	461	462	2	
5	464	465	467	468	470	471	473	474	476	477	2	
6	479	480	482	488	486	486	488	480	491	<b>建铁器</b>	2	
7	494	495	407	498	500	501	503	504 519	Auti	507	3	
8 9	509 523	$\begin{array}{c} 510 \\ 525 \end{array}$	$\begin{array}{c} 512 \\ 526 \end{array}$	$\begin{array}{c} 518 \\ 528 \end{array}$	$\begin{array}{c} 514 \\ 529 \end{array}$	516 531	517 532	534	កន្លប គងគ	622 687	1	
2920	538	540	541	543	544	546	547	549	550	ត្រង់ង	1	
1 2020	553	555	556	558	559	561	562	564	atia	567	1	
2	568	570	571	572	574	575	577	57 M	ano	DM1	2	
3	583	584	586	587	589	590	502	aua	aua	am	3	
4	598	200	601	602	604	608	607	non	ato	all	2	:
5	618	614	616	617	619	620	621	623	624	626	1	
6	627	629	680	682	683	686	636	Gan	433	1141	1	
7 8	642 657	644 659	045	647	648	650 665	651	053	11.114	tiati	!	
9	672	673	$\begin{array}{c} 660 \\ 675 \end{array}$	662 676	$\begin{array}{c} 663 \\ 678 \end{array}$	679	000	nn7 6n2	669 684	070 085	22 22	
2930	687	688	690	691	698	694	តម្កត	697	กอน	700	2	
1	702	708	705	706	708	709	710	712	713	715	ī	
2	716	718	719	721	722	724	725	727	72H	7311	1	
3	781	738	784	736	737	734	740	743	743	740	1	
4	746	747	749	750	752	753	788	756	75H	Thu	2	
5	761	762	764	765	767	768	770	771	773	774	2	
6 7	776 790	777	779	780	782	783	784	7 MA	747	749	1	
8	805	792 807	798 808	795 810	796	79K	799	101	NO2	NO4	1	
9	820	821	823	824	$\begin{array}{c} 811 \\ 826 \end{array}$	813 827	K38 K14	816 830	HI7 HII	nin Een	2	
2940	885	836	888	889	841	842	844	845	#47	N 4 N	2	
1	850	851	852	854	855	857	нан	860	Mari I	Rin		
2	864	866	867	869	870	872	H73	875	7 P	N. 7 H	1	
8	879	881	882	888	885	BHB	HHH	HMH	BU1	2.64%	1	
4	894	895	897	898	900	901	903	904	yod	907	2	
5 6	909	910	911	918	914	916	917	ala	920	922	1	
7	923 938	925 939	926	928	929	931	288	934	935	937	1	
8	958	954	$941 \\ 956$	942 957	944	948	947	948	950	#51	2	
9	967	969	970	972	959 978	960 975	962	963 978	965 979	966 981	1	
2950	982	984	985	987	988	990	991	993	994	998	2	

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	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3	982	984	985	987	988	990	991	993	994	995	2	
	997			*001			*006	*007	*009		2	
	$\begin{array}{c} 012 \\ 026 \end{array}$	013	015	016	018	019	020	022	023	025	1	
	041	$\begin{array}{c} 028 \\ 043 \end{array}$	$029 \\ 044$	$\begin{array}{c} 031 \\ 045 \end{array}$	$\begin{array}{c} 032 \\ 047 \end{array}$	034 048	035 050	037 051	088 058	040 054	1 2	
	056	057	059	060	062	063	065	066	068	069	1	
	070	072	073	075	076	078	079	081	082	084	1	
	085	087	088	090	091	092	094	095	097	098	2	
	100 114	101 11 <b>6</b>	103 117	$\frac{104}{119}$	$\begin{array}{c} 106 \\ 120 \end{array}$	$\begin{array}{c} 107 \\ 122 \end{array}$	$\begin{array}{c} 109 \\ 123 \end{array}$	$\frac{110}{125}$	112 126	$\begin{array}{c} 113 \\ 128 \end{array}$	1	
	129	131	132	134	135	137	138	139	141	142	2	
	144	145	147	148	150	151	153	154	156	157	2	
	159	160	161	163	164	166	167	169	170	172	1	
	$\frac{173}{188}$	$\begin{array}{c} 175 \\ 189 \end{array}$	$\begin{array}{c} 176 \\ 191 \end{array}$	$\frac{178}{192}$	179 194	180 195	$\frac{182}{197}$	183 1 <b>9</b> 8	185 200	$\frac{186}{201}$	2 1	
	$\frac{202}{217}$	$\frac{204}{219}$	$\frac{205}{220}$	$\frac{207}{222}$	$\frac{208}{223}$	$\frac{210}{224}$	$\frac{211}{226}$	213 227	$\frac{214}{229}$	216 280	1 2	
	232	233	235	236	238	239	241	242	243	245	1	
	246	248	249	251	252	254	255	257	258	260	1	
	201	262	264	265	267	268	270	271	273	274	2	
	276	277	279	280	281	283	284	286	287	289	1	
	$\frac{290}{305}$	292 306	298 308	295 309	296 311	298 312	299 314	300 315	302 817	30 <b>3</b> 318	2	
	319	321	322	324	825	327	328	330	331	333	i	
	884	336	837	338	840	841	348	344	846	847	2	
	349	350	352	858	355	356	357	359	860	862	1	
	868 878	365 379	36 <b>6</b> 381	<b>36</b> 8 382	369 384	<b>37</b> 1 385	872	374	875	376	2	
	892	394	895	397	398	400	387 401	388 403	390 404	891 406	1	
	407	409	410	411	413	414	416	417	410	420	2	
	422	428	425	426	427	429	480	482	483	485	1	
	436 451	488	439		442	448	445	446	448	449	3	
	402	$\begin{array}{c} 452 \\ 467 \end{array}$	454 468	455 470	457 471	458 473	460 474	461 476	462 477	464	1 2	
	480	481	483	484	48Ĝ	487	489	190	492	193	î	
	194	496	497	499	500	502	508	505	506	508	1	
	50 <b>9</b>	510	512	513	515	516	518	519	521	522	23	
	524 538	525 540	$526 \\ 541$	528 542	529 544	531 545	582 547	544 548	585 550	587 551	1 2	
	558	554	555	557	558	560	501	563	864	666 666	1	
	567	569	570	571	573	574	576	577	579	680	2	
	582	588	585	586	587	589	590	592	898	595	1	
	596 311	598 612	599 614	601 615	602	603	605	606	608	609	2	
	325	627	628	630	616 631	618 682	$\begin{array}{c} 619 \\ 634 \end{array}$	621 635	622 637	6 <b>24</b> 638	1 2	
	340	641	643	644	645	647	648	650	651	653	1	
(	354	656	657	659	660	661	663	664	666	667	2	
	369	670	672	678	674	676	677	679	680	682	1	
	388 398	685 699	686 701	688 702	689 708	690 705	692 706	693 708	695	696	2	
									709	711	T deliberations of the second	
7	712	714	715	716	718	719	721	722	724	725	2	
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No.		0	1	2	3	4	5	6	7	8	9	D	P.P.	٠.
3000	.47 7		714	715		718	719							
$\begin{array}{c c} 1 \\ 2 \end{array}$		27	$\begin{array}{c} 728 \\ 743 \end{array}$	$729 \\ 744$		$732 \\ 747$	734 748					1 2	i	
3	7	56	757	758	760	761	763	764	766	767	769	1		
4	7	70	771	773	7 <b>7</b> 4	776	777			782	783	1		Ì
5 6		8 <b>4</b> 99	786 800	787 802	789 803	790 805	792 806				$797 \\ 812$	1		1
7		13	815	816	818	819	821				826	2		
8		28	829	831	882	834	835		838		841	1		ı
9	8	42	844	845	847	848	849	851	852	854	855	2		-
3010 1			858 873	$860 \\ 874$	861 875	86 <b>2</b> 8 <b>77</b>	864 878	865	867	868	870	1		TOTAL ST
2			887	888	890	891	898	880 894	881 896	883 897	884 898	1 2		
3	90	00	901	903	904	906	907	909	910	911	913	1		1
4	91	14	916	917	919	920	922	923	924	926	927	2		I
5 6			$930 \\ 945$	932 946	988	984	936	937	939	940	942	1		
7			959		$947 \\ .962$	$\begin{array}{c} 949 \\ 968 \end{array}$	950 965	952 966	953 968	955 969	956 970	2		I
8	97		973	975	976	978	979	981	982	988	985	ī		ı
9	98	36	988	989	991	992	994	995	996	998	999	2		I
3020 1	·48 00		002 017	004 018	005 019	006 021	008 022	009 <b>024</b>	011	012	014	1		Ì
2	02		331	082	034	035	037	038	025 040	$\begin{array}{c} 0.27 \\ 0.41 \end{array}$	02H 042	1 2		l
3 4	04		045	047	048	050	051	052	054	055	057	1		l
	05		060	061	062	064	065	067	068	070	071	2		
5 6	07 08		) <b>74</b> )88	075 090	077 091	078 098	080	081	088	084	085	2		ı
7	10		.03	104	106	107	094 108	096 110	097 111	098 118	100 114	1 9		l
8 9	11	6 1	.17	118	120	121	123	124	126	127	128	2		
	13	0 1	.31	133	134	186	137	139	140	141	148	1		l
3030 1	14		46	147	149	150	151	158	154	156	167	2		ı
2	15 17		.60 .74	161 176	$\begin{array}{c} 168 \\ 177 \end{array}$	164 179	166 180	$\begin{array}{c} 167 \\ 182 \end{array}$	169 188	170 184	171	2		ı
3	18	7 1	89	190	192	193	194	196	197	199	186	1 2		ı
4	20	2 2	03	204	206	207	209	210	212	213	214	2		
5 6	210			219	220	222	223	224	226	227	229	1		
7	230 244			$233 \\ 247$	284 249	286 250	$\begin{array}{c} 287 \\ 252 \end{array}$	239、 253	240	242	248	1		
8	259	9 2		262	268	264	266	267	254 269	256 270	257 272	2		
9	273	B 2	74	276	277	279	280	282	283	285	286	î		
3040	287				292	298	295	296	297	299	300	2		
2	302 310				806 820	$\begin{array}{c} 807 \\ 322 \end{array}$	309 <b>323</b>		812		314	2		
3	380	3	32	888	334	336	323	824 389	826 840	327 342	829 848	1 1		
.4	344	1 8	46	847	849	850	352	858	854	856	357	2		
5 6	359				868	364	866	867	369	870	372	1		
7	378 387				377 392	379 393	380 394	882	383	884	386	1	1	
8	401	. 40	08	404	406	407	409	396 410	397 411	399 413	400	1 2		
9	416	3 42	17	419		421	428	424	426		429	1	ł	
3050	430	48	81	438	484	486	487	439	440	441	448	1		
	-												1	

		0	1	2	3	4	5	6	7	8	9	D.	Р.Р.
0	·48	430	431	433	434	436	437	439	440	441	443	1	Managemental arthrophics
1		444	446	447	448	450	451	453	454	456		1	
2		458	460	461	463	464	466	467		470		3	
3 4		$\begin{array}{c} 473 \\ 487 \end{array}$	474 488	$\frac{476}{490}$	477 491	478 493	480 494	481 495	483 497	484 498		2 1	
5		501	503	504	505	507	508	510	511	512	514	1	
6		515	517	518	520	521	522	524	525	527	824	2	
7		530	531	532	534	535	537	538	539	541	542	2	
8		544	545	547	548	549	551	552	554	555	557	1	
0		558	559	561	562	564	565	566	568	569	671	1	
0		572	574	575	570	578	579	581	582	583	585	1	
23		$\begin{array}{c} 586 \\ 601 \end{array}$	588 602	589 603	591 605	592 606	598 608	595 609	596 610	598 612	899	2	
3		615	016	818	619	620	622	623	625	626	618 627	2 3	
i		629	630	632	633	635	636	637	639	640	642	1	
5		648	644	646	647	649	650	652	653	654	656	1	
6 7 8		657	659	660	661	663	664	666	667	669	670	1	
7.		671	673	674	676	677	678	680	681	683	084	23	
9		686	687	688	690	691	698	694	695	697	698	3	
l		700	701	703	704	705	707	708	710	711	712	2	
p		714	715	717	718	719	721	732	734	725	727	1	
2		728	729	$\begin{array}{c} 781 \\ 745 \end{array}$	732	734	735	736	738	739	741	1	
3 8		$\begin{array}{c} 742 \\ 756 \end{array}$	744 758	759	746 760	748 762	749 763	$\begin{array}{c} 751 \\ 765 \end{array}$	752 766	758 768	755 769	1	
4		770	772	778	775	776	777	779	780	782	783	2	
5		785	786	787	789	790	792	793	794	796	797	23	
3		799	800	801	808	804	806	807	809	810	811	2	
7.		813	814	816	817	818	820	H21	823	824	825	2	
8		$827 \\ 841$	828 842	830 844	831 845	833 847	834 848	849 849	837	838	840	1	
									851	852	854	1	
P		855	856	858	859	861	862	804	865	806	868	1 1	
2		869 883	871 885	872 886	873 887	875 889	876	878	879	880	883	1	
В		897	899	900	902	903	890 904	892 906	893 997	895 909	896 910	1	
		911	913	914	916	917	918	920	921	923	924	3	
5		926	927	028	930	981	938	984	935	937	938	2	
3		840	941	043	1144	945	947	048	949	951	952	2	
<i>[</i> . ]		954	886	956	958	959	961	962	964	965	966	23	
8		968 98 <b>2</b>	969 988	971 985	972 986	978 98 <b>7</b>	975 989	976 990	978 992	979 993	980 994	3	
		000	007	nan	4000	4001							
	.40	996	9 <b>97</b> 011	018	*000	016	017	810	020	*007 021	800# 820	1	
h l	* 67	024	025		028			032	034	035		i	
8		038	039	041	042	044	045	046	048	049	051	i	
1		052	053	055	056	058	059	060	062	063	005	1	
5		066	067	069	070	072	073	074	076	077	079	1	
5		080	081	083	084	086	087	089	090	091	oga	1	1
8		094	096	097	098	100	101	103	104	105	107	1	
6		108 122	110 124	111	112 126	114 128	115 129	117	118	119	131	1	
								131	132	188	135	1	
P		136	138	139	140	142	148	145	148	147	149	1	
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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
0100	40 100	100	139	140	142	143	145	146	147	149	1	
3100 1	·49 136 150	$\frac{138}{152}$	153	154	156	157	159	160	161	163	1	1
2	164	166	167	168	170	171	173	174	175	17 <b>7</b>	1	
3	178	180	181	182	184	185	187	188	189	191	1	
4	192	194	195	196	198	199	201	202	203	205	1	
5	206	208	209	210	212	213	215	216	217	219	1	
6	220	<b>222</b>	223	224	226	227	229	230	231	233	1	
7	234	236	237	238	240	241	243	$\begin{array}{c} 244 \\ 258 \end{array}$	$\begin{array}{c} 245 \\ 259 \end{array}$	247 261	i	}
8 9	248 262	$\frac{249}{263}$	$\begin{array}{c} 251 \\ 265 \end{array}$	$\begin{array}{c} 252 \\ 266 \end{array}$	$\begin{array}{c} 254 \\ 268 \end{array}$	$255 \\ 269$	$\begin{array}{c} 256 \\ 270 \end{array}$	$\frac{258}{272}$	$\frac{203}{273}$	<b>275</b>	ī	
3110	276	277	279	280	282	283	284	286	287	289	1	
1	290	291	293	294	296	297	298	300	301	303	ī	
2	304	305	307	308	310	311	312	314	315	317	1	
3	318	319	321	322	323	325	326	328	329	330	2	,
4	332	333	335	336	337	339	340	342	343	344	2	
5	346	347	349	350	351	353	354	356	357	358	2	
6	360	361	363	364	365	367	368	370	371	372	2	
7 8	374	375	376	378	379	381	382	383	385	386	2 2	
9	388 402	389 403	390	392	393	$\frac{395}{408}$	396	397	$\frac{399}{413}$	400	1	
	402	#09	404	406	407	408	410	411	419	414	-	
3120	415	417	418	420	421	422	424	425	427	428	1	
1	429	431	432	434	435	436	438	439	441	442	1	
$\frac{2}{3}$	443 457	445 459	446	4 <b>47</b> 461	449	450	452	453	454	456	1	
4	471	472	460 474	475	$\begin{array}{c} 463 \\ 477 \end{array}$	$\frac{464}{478}$	466 479	467 481	468 48 <b>2</b>	470 484	1 1	
5	485	486	488	489	491	492	493	495	496	498	1	
6	499	500	502	503	504	506	507	509	510	511	2	
7	513	514	516	517	518	520	521	523	524	525	2	
8	527	528	529	531	532	534	535	536	538	539	2	
9	541	542	543	545	546	547	549	550	552	553	1	
3130	554	556	557	55 <b>9</b>	560	561	563	564	56 <b>6</b>	567	1	
1	568	570	571	572	<b>574</b>	575	577	578	579	581	1	
2 3	582	584	585	586	588	589	590	592	593	595	1	
4	596 610	$\begin{array}{c} 597 \\ 611 \end{array}$	599	600	602	603	604	606	607	609	1	
1	010	011	613	614	615	617	618	620	621	622	2	
5	624	625	627	628	629	631	632	633	635	636	2	
6 7	638	639	640	642	643	645	646	647	649	650	1	
8	651 665	653 667	$\begin{array}{c} 654 \\ 668 \end{array}$	656	657	658	660	661	663	664	1	İ
9	679	681	68 <b>2</b>	$\begin{array}{c} 669 \\ 683 \end{array}$	671 <b>6</b> 85	$\begin{array}{c} 672 \\ 686 \end{array}$	$674 \\ 687$	$\begin{array}{c} 675 \\ 689 \end{array}$	676 690	678 692	1 1	
3140	693	694	69 <b>6</b>	697								
1	707	708	710	711	$\begin{array}{c} 698 \\ 712 \end{array}$	700 714	701	703	704	705	2	
2	721	722	723	725		714 728	715 ·		718	719	2	
3	734	736	737	739	740	741	729 743	730 744	$\begin{array}{c} 732 \\ 745 \end{array}$	788 747	1 1	
4	748	750	751	752	754	755	757	758	759	761	î	
5	762	763	765	766	768	769	770	772	773	774	2	
6	776	777	779	780	781	783	784	786	787	788	2	
7	790	791	792	794	<b>7</b> 95	797	798	799	801	802	i	
8 9	803	805	806	808	809	810	812	813	815	816	ī	
ł	817	819	820	821	8 <b>2</b> 3	824	826	827	828	830	ī	į
3150	831	832	834	835	837	838	839	841	842	843	2	
44												Ī

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3150 1 2 3 4	•49	831 845 859 872 886	832 846 860 874 888	834 848 861 875 889	835 849 863 877 890	837 850 864 878 892	838 852 866 879 893	839 853 867 881 894	841 854 868 882 896	842 856 870 883 897	843 857 871 885 899	2 2 1 1 1	
5 6 7 8 9		900 914 927 941 955	901 915 929 943 956	903 916 930 944 958	904 918 932 945 959	905 919 933 947 960	907 921 934 948 962	908 922 936 949 963	910 923 937 951 965	911 925 938 952 966	912 926 940 954 967	2 1 1 1 2	
3160 1 2 3 4	-50	969 982 996 010 024	970 984 998 011 025	971 985 999 013 026	973 987 *000 014 028	974 988 *002 015 029	976 989 *003 017 031	977 991 *004 018 032	978 992 *006 3 020 033	980 993 *007 021 035	981 995 *009 022 036	1 1 2 1	
5 6 7 8 9		03 <b>7</b> 051 065 079 092	039 052 066 080 094	040 054 068 081 095	041 055 069 083 096	043 057 070 084 098	044 058 072 085 099	046 059 073 087 100	047 061 074 088 102	048 062 076 089 103	050 063 077 091 105	1 2 2 1 1	
3170 1 2 3 4		106 120 133 147 161	107 121 135 148 162	109 122 136 150 163	110 124 137 151 165	111 125 139 152 166	113 126 140 154 1 <b>6</b> 8	114 128 142 155 169	116 129 143 157 170	117 131 144 158 172	118 132 146 159 173	2 1 1 2 1	
5 6 7 8 9		174 188 202 215 229	176 189 203 217 230	177 191 204 218 232	178 192 206 219 233	180 194 207 221 235	181 195 209 222 236	183 196 210 224 237	184 198 211 225 239	185 199 213 226 240	187 200 214 228 241	1 2 1 1 2	
3180 1 2 3 4		243 256 270 284 297	244 258 271 285 299	245 259 273 286 300	247 260 274 288 301	248 262 275 289 303	250 263 277 290 304	251 265 278 292 305	252 266 280 293 307	254 267 281 295 308	255 269 282 296 310	1 1 2 1 1	
5 6 7 8 9		311 325 338 352 365	312 326 340 353 367	314 327 341 355 368	356	$\begin{array}{c} 344 \\ 357 \end{array}$	318 331 345 359 372	319 333 346 360 374	320 334 348 361 375	322 335 349 363 376	337 350 364	1	
3190 1 2 3 4		379 393 406 420 433	394 408 421	382 395 409 423 436	397 410 424	398 412 425	386 399 413 427 440	401 414 428	$\frac{416}{429}$		405 419 432	1 1 1	
5 6 7 8 9		447 461 474 488 501	462 476 489	477 491	465 478 492	466 480 493	454 467 481 495 508	469 482 496	470 484 497	472 485 499	473 486 500	$egin{array}{c c} 1 \\ 2 \\ 1 \end{array}$	
8200		515	5 516	518	519	520	522	523	524	526	5 527	2	

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No.		0	1	2	3	4	5	6	7	8	9	1).	P.P.
3200 1 2 3 4		515 529 542 556 569	516 530 543 557 571	518 531 545 558 572	519 533 546 560 573	520 534 548 561 575	522 535 549 562 576	523 537 550 564 577	524 538 552 565 579	526 539 553 567 580	527 541 554 568 581	2 1 2 1 2	
5 6 7 8 9		583 596 610 623 637	584 598 611 625 638	586 599 613 626 640	587 600 614 627 641	588 602 615 629 642	590 608 617 630 644	591 604 618 632 645	592 606 619 633 646	594 607 621 634 648	595 609 622 636 649	1 1 1 1 2	
3210 1 2 3 4		651 664 678 691 705	652 665 679 692 706	653 667 680 694 707	655 668 682 695 709	656 669 683 696 710	657 671 684 698 711	659 672 686 690 713	660 678 687 701 714	661 675 688 702 715	663 676 690 <b>70</b> 8 717	1 2 1 2 1	
5 ~ 6 7 8 9		718 7 <b>32</b> 745 759 <b>7</b> 72	719 733 746 760 773	721 734 748 761 775	722 736 749 768 776	724 737 751 764 777	725 788 752 765 779	726 740 753 767 780	728 741 755 768 782	729 742 756 769 783	780 744 757 771 784	21213	
3220 1 2 3 4		786 799 813 826 840	787 800 814 827 841	788 802 815 829 842	790 803 817 830 844	791 804 818 831 845	792 806 819 83 <b>3</b> 846	794 807 821 884 848	795 809 822 835 849	796 810 823 887 850	798 811 825 838 852	1 2 1 2 1	
5 6 7 8 9		853 866 880 893 907	854 868 881 895 908	856 869 883 896 909	857 870 884 897 911	858 872 885 899 912	860 873 887 900 914	861 875 888 901 915	862 876 889 903 916	864 877 891 904 918	865 879 892 905 919	1 1 2 1	
3230 1 2 3 4		920 984 947 961 974	922 935 948 962 975	928 986 950 963 977	924 988 951 965 978	926 939 953 966 979	927 940 954 967 981	928 942 955 969 982	980 948 957 970 988	931 944 958 971 985	932 946 959 978 986	2 1 2 1	
5 6 7 8 9	-51.	987 001 014 028 041	989 002 016 029 042	990 004 017 030 044	991 005 018 032 045	993 006 020 033 046	994 008 021 084 048	995 009 022 036 049	997 010 024 087 050	908 012 025 088 052	*000 013 026 040 053	1 1 2 1 2	
3240 1 2 3 4		055 068 081 095 108	056 069 083 096 109	057 071 084 097 111	059 072 085 099 112	000 073 087 100 113	061 075 088 101 115	068 076 089 108 116	064 077 091 104 117	065 079 092 105 119	067 080 093 107 120	1 2 1 1	Managagan magai senangan engangan
5 6 7 8 9		121 135 148 162 175	123 136 150 168 176	124 138 151 164 178	125 139 152 166 179	127 140 154 167 180	128 142 155 168 182	129 148 156 170 183	181 144 158 171 184	132 146 159 172 186	134 147 160 174 187	1 1 2 1 1	
3250		188	190	191	192	194	195	196	198	199	200	2	

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0	·51		190	191	192	194	195	196	198	199	200	2	<sub>aran te spiranteerindeelisch</sub> enk in der met
1		202	203	204	206	207	208	210	211	212	214	1	
2		$\frac{215}{228}$	$\frac{216}{230}$	$\frac{218}{231}$	$\frac{219}{232}$	$\frac{220}{234}$	$\frac{222}{235}$	$\frac{223}{236}$	$\frac{224}{238}$	226 239	$\frac{227}{240}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
3 4		242	$\frac{230}{243}$	244	$\frac{232}{246}$	247	248	250	$\begin{array}{c} 250 \\ 251 \end{array}$	252	254	ĩ	
5		255	256	258	259	260	262	263	264	266	267	1	
6 7		$\begin{array}{c} 268 \\ 282 \end{array}$	$\begin{array}{c} 270 \\ 283 \end{array}$	$\frac{271}{284}$	$\begin{array}{c} 272 \\ 286 \end{array}$	$\begin{array}{c} 274 \\ 287 \end{array}$	$\frac{275}{288}$	$\frac{276}{290}$	$\frac{278}{201}$	$\begin{array}{c} 279 \\ 292 \end{array}$	$\frac{280}{294}$	2 1	
8		295	296	298	200	300	302	303	304	306	307	î	
9		308	310	311	312	314	315	316	318	819	320	2	
0		322 335	323 336	$\frac{324}{338}$	$\frac{326}{339}$	$\frac{327}{340}$	$\frac{828}{342}$	830 343	$\frac{331}{344}$	332 346	334 347	1	
2		348	350	351	352	354	355	356	358	359	360	2	
3		362	363	364	366	367	368	370	371	372	374	ī	
4		375	376	378	379	380	382	383	384	386	387	1.	
5		388	390	391	392	394	395	396	398	399	400	2	
6 7	1	402 415	408 416	404 418	$\frac{406}{419}$	$\begin{array}{c} 407 \\ 420 \end{array}$	408 422	$\begin{array}{c} 410 \\ 423 \end{array}$	411	$\frac{412}{426}$	$\frac{414}{427}$	1 1	
8	1	128	430	431	432	434	435	436	438	439	440	lil	
9		441	443	444	445	4.17	448	449	451	452	453	2	
0		455	456	457	459	460	461	463	464	465	467	1	
1		468	469	471	472	473	475	476	477	479	480	1	
2 3	ĺ	481 495	$\begin{array}{c} 483 \\ 496 \end{array}$	$\frac{484}{497}$	485 499	487 500	488 501	489 503	491 504	492 505	498 507	2	
4		508	509	511	512	518	514	516	517	518	520	i	
5		521	522	524	525	526	528	529	530	532	533	1	
6 7		534 548	586 549	537 550	538 552	540 553	541 554	542 556	544	545 558	546	2	
8	l	561	562	564	565	566	568	560	557 570	571	560 578	1 1	
9		574	575	577	578	579	581	582	583	585	580	ĩ	
80		587	589	590	591	598	594	595	597	598	599	2	
1 2	}	$\begin{array}{c} 601 \\ 614 \end{array}$	602 615	603	605 618	606 619	60 <b>7</b> 620	609 622	610	611	618	1	
3		627	628	630	681	682	684	685	623 636	624 688	626 639	1	
4		640	642	648	044	646	647	648	650	651	652	2	
ß		654	655	656	658	659	660	661	668	664	665	2	
G	1	667	008	669	671	672	673	675	676	677	679	1	
7 8	1	680 698	681 695	688 696	684 697	685 698	687 700	688 701	689 702	$\frac{691}{704}$	692 705	1	
ö		706	708	709	710	712	713	714	716	717	718	2	
0		720	721	722	724	725	726	728	729	730	731	2	
1		733	784	785	787	738	789	741	742	748	4 311	1	
28		746 759	747 760	$749 \\ 762$	750 763	$\begin{array}{c} 781 \\ 764 \end{array}$	753 766	$754 \\ 767$	755 768	757 770	100		
4		772	774	775	776	778	779	780	782	788	771 784	2	
5		786	787	788	789	791	792	798	795	796	797	2	
6	l	799	800	801	808	804	805	807	808	809	811	1	
7 8		812	818	815	816	817	818	820	821	H22	824	1	
9		825 838	826 840	828 841	829 842	830 843	845	838 846	847	848 886	837 850	1	
0		851	858	854	855	857	858	859	861	862	863	2	
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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3300	.51	Q51	853	854	855	857	858	859	861	862	868	2	
3300		865	866	867	868	870	871	872	874	875	876	2	
2		878	879	880	882	883	884	886	887	888	890	1	
3		891	892	893	895	896	897	$899 \\ 912$	$900 \\ 913$	901 915	903 916	1	
4		904	905	907	908	909	911	012	910	31,0	010	,	
5		917	918	920	921	922	924	925	926	928	929	1	
6		930	932	933	934	936	937	938	939	941	942	1	
7 8		$\frac{943}{957}$	$\begin{array}{c} 945 \\ 958 \end{array}$	$\begin{array}{c} 946 \\ 959 \end{array}$	$947 \\ 960$	$\frac{949}{962}$	950 963	951 964	953 966	$\begin{array}{c} 954 \\ 967 \end{array}$	800 800	22	
9	1	970	971	972	974	975	976	978	979	980	981	2	
3310		983	984	985	987	988	989	991	992	993	995	1	
1		996	997		*000					*006		: i	
2	.52	009	010	012	013	014	016	017	018	020	021	' 1	
3		022	023	025	026	027	029	030	031	088	084	1	
4	'	035	037	038	039	040	042	048	044	046	047	1	ĺ
5	} ,	048	050	051	052	054	055	056	058	059	080	1	
6		061	063	064	065	067	068	069	071	072	073	2	
7		075	076	077 090	078	080	081	082	084	088	086	2	
8 9		$\begin{array}{c} 088 \\ 101 \end{array}$	$\begin{array}{c} \textbf{089} \\ \textbf{102} \end{array}$	103	092 105	098 106	094 107	095 109	110	098 111	099 113	1	
1				200		2.00	~~.				~ ( )		
3320		114	115	116	118	119	120	122	123	194	126	1	
$\frac{1}{2}$		$\frac{127}{140}$	$\frac{128}{141}$	$\frac{130}{143}$	131 144	$\frac{132}{145}$	133 146	135 148	136 149	137 150	139 152	1	
3		158	154	156	157	158	160	161	162	163	165	î	
4		166	167	169	170	171	173	174	175	177	178	Î	
5		179	180	182	183	184	186	187	188	190	191	1	
6		192	194	195	196	197	199	200	201	203	204	i	
7		205	207	208	209	211	212	218	214	216	217	1	
8 9		$\begin{array}{c} 218 \\ 231 \end{array}$	$\begin{array}{c} 220 \\ 233 \end{array}$	$\frac{221}{234}$	222 235	$\frac{224}{237}$	225 238	226 289	227 241	229	230	1	
	<u>'</u>	201	200	201	200	201	200	200	7 1.00	242	248	1	
3330		244	246	247	248	250	251	252	254	255	256	1	
$\frac{1}{2}$		$\begin{array}{c} 257 \\ 270 \end{array}$	$\begin{array}{c} 259 \\ 272 \end{array}$	$\frac{260}{273}$	$\frac{261}{274}$	$\frac{268}{276}$	264 277	265	267	268	269	1	
3		284	285	280	287	289	290	$\frac{278}{291}$	280 293	384 381	282 295	2 2	
4		297	298	299	800	302	303	304	306	307	ROE	2	
5	١,	810	311	812	813	315	316	317	819	820	821	2	
6	:	<b>32</b> 3	324	325	327	328	829	880	882	888	884	2	
7		886	337	338	340	341	842	848	845	846	347	2	
8 9		849 862	350 363	351 364	358 366	354 367	355 368	356 369	358 371	359	860	22.22	
	}					001	000	000	0/1	872	878		
3340		B75	876	377	379	380	381	382	884	385	386	2	
1 2		888 401	$\frac{389}{402}$	890 408	302 405	893 406	894 407		897	398	899	2	
3		414	415	416	418	419	420	408 421	410 428	411 424	412	3	
4		427	428	429	481	432	433	484	486	487	488	3	
5		440	441	442	444	445	446	447	449	450	451	2	
6	,	458	454	455	456	458	459	460	462	468	464	2	
7		466	467	468	469	471	472	473	475	476	477	2	
8 9		$\frac{479}{492}$	480 493	481 494	482 495	484 497	485	486	488	489	490	2	
	•	4	300	704	100	201	498	499	501	502	503	1	
8850	į	504	506	507	508	510	511	512	514	515	516	1	
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350	.52 5		506	507	508	510	511	512	514	515	516	1	managasta article
1.		17	519	520	521	523	524	525	527	528	529	1	
$\frac{2}{3}$		30 343	$\begin{array}{c} 532 \\ 545 \end{array}$	$\begin{array}{c} 533 \\ 540 \end{array}$	$\begin{array}{c} 534 \\ 547 \end{array}$	$\begin{array}{c} 536 \\ 549 \end{array}$	$\begin{array}{c} 537 \\ 550 \end{array}$	538 551	539 552	$\begin{array}{c} 541 \\ 554 \end{array}$	542 555	1 1	
4		56	558	559	560	561	563	564	565	567	568	1	
5		69 82	571 583	572 585	573 586	574 587	576 589	577 590	578 591	580 593	581 594	1	
6 7		95	596	598	599	600	602	603	604	605	607	1	
8		808	609	611	612	618	615	616	617	618	620	î	
9		21	622	624	625	626	627	629	630	631	638	1	
860		34	635	637	638	$639 \\ 652$	640	642	643	644	646	1 2	
$\begin{array}{ c c c }\hline 1\\2 \end{array}$		47 60	$\begin{array}{c} 648 \\ 661 \end{array}$	$\begin{array}{c} 649 \\ 662 \end{array}$	$\begin{array}{c} 651 \\ 664 \end{array}$	665	653 666	655 668	656 669	$\begin{array}{c} 657 \\ 670 \end{array}$	658 671	2	
3		73	674	675	677	678	679	680	682	688	684	2	
4		886	687	688	689	691	692	693	695	696	697	2	
5		99	700	701	702	704	705	706	708	709	710	1	
6 7		111	$\begin{array}{c} 713 \\ 726 \end{array}$	$\frac{714}{727}$	$\begin{array}{c} 715 \\ 728 \end{array}$	$\begin{array}{c} 717 \\ 729 \end{array}$	$\frac{718}{731}$	$\frac{719}{732}$	$\frac{720}{733}$	$\frac{722}{735}$	723 736	1	
8		37	738	740	741	742	744	745	746	748	749	1	
9		50	751	753	754	755	757	758	759	760	762	ī	}
370		63	764	766	767	768	769	771	772	773	775	1	
1		76	777	778 791	$780 \\ 793$	781	782	784	785	786	787	33 0	
3		'89 102	790 803	804	808	794 807	795 808	796 809	798 811	799 812	800 813	24 23	
4		15	816	817	818	820	821	822	824	825	826	1	
5		27	829	830	881	888	834	885	836	838	889	1	
6		340	842	848	844	845	847	848	849	851	852	1	
7 8		153 166	854 867	85 <b>6</b> 869	857 870	858 871	860 872	861 874	862 875	863 876	865 878	1	
ø		179	880	881	888	884	สียิ่	887	888	889	890	2	
880		192	898	894	896	897	898	809	901	902	903	2	
		105	906	907	908	910	911	912	914	915	916	1	
2 3		)17 )30	919 931	920 938	$\begin{array}{c} 921 \\ 934 \end{array}$	9 <b>22</b> 935	924 937	925 938	926 939	840 838	942 929	1	
4		148	944	946	947	948	949	951	952	958	955	i	
8		156	957	958	960	961	962	964	965	966	907	2	
6		169 169	970 983	971	978	974	975	976	978	979	980	2	
8		102	996	984 99 <b>7</b>	888 88 <b>8</b>	987 999	988 *001	\$00 <b>%</b>	08 <b>Q</b> 800*	2992 4005	\$98 *006	1	
ÿ		07	008	010	011	012	014	015	018	017	019	i	
390		20	021	028	024	025	026	028	029	080	081	23	
1		38	034	035	037	038	039	040	042	043	044	3	
2 8		)46 )58	047	048 061	049	051 064	052 065	088	055 067	086 069	057 070	1	
4		71	072	074	075	076	078	079	080	089	070 083	1	
5		84	085	087	088	089	090	092	098	094	095	2	
6		97	098	099	101	102	103	104	106	107	108	3	
7 8		110	111	112	118	115	116	117	119	120	121	1	
9		122 185	$\begin{array}{c} 124 \\ 136 \end{array}$	125 138	$\begin{array}{c} 126 \\ 139 \end{array}$	127 140	142 142	180 143	131 144	133 145	144	1	
400		148	149	150	152	153	154	156	157	158	159	2	

No.	(	) 1	2	3	4	5	6	7	8	9	D.	- P
9400	.53 14	8 149	150	152	153	154	156	157	158	159	2	
3400 1	16			164	166	167	168	170	171	172	1	
$\overset{1}{2}$	17			177	179	180	181	182	184	185	1	
3	1.8			190	191	193	194	195	196	198	1 2	
4	19	9 200	202	203	204	205	207	208	209	210	۵	
5	21			216	217	218 231	219 232	$\frac{221}{233}$	222 285	223 236	1 1	
6	22			228 241	$\frac{230}{242}$	244	245	246	247	249	î	
<b>7</b> 8	23 25			254	255	256	258	259	200	261	2	
9	26			267	268	269	270	272	278	274	1	
3410	27	5 277	278	279	281	282	283	284	286	287	1	
1	28			292	298	295	296	297	298	800	1	
2	30			305	30 <b>6</b>	307	809	810	311	812	3	
3	31			317	319	320	321	328	324 337	325 338	1	
4	32	6 328	329	830	331	333	334	385	881	990		
5	38			343	344	345	347	348	349	851	1	
6	35			356	357	358	359	361	302	868	1	
7	36			368	370 382	371 384	372 385	373 386	875 887	376 889	1 1	
8 9	37 39			$\frac{381}{394}$	395	390	398	399	400	401	2	
3420	40	3 404	405	406	408	409	410	411	413	414	1	
1	41			419	420	422	423	424	425	427	1	
2	42			432	483	484	436	437	438	439	2	
3	44			444	446	447	448	450	451	452	1	
4	48	3 455	456	457	458	460	461	462	464	465	1	
5	46			470	471	472	474	475	476	477	2	
6	47			483	484	485	486	488	489	490	1 1	
7	49			495	496	498 510	499 512	500 513	502 514	508 515	$\begin{vmatrix} 1\\2 \end{vmatrix}$	
8 9	50 51			$\begin{array}{c} 508 \\ 521 \end{array}$	$\begin{array}{c} 509 \\ 522 \end{array}$	523	524	526	527	528	ī	
3430	52	9 531	532	588	534	536	587	588	540	541	1	
1	.54			546	547	548	550	551	552	558	2	
<b>2</b>	55			559	560	561	562	564	565	566	1	
3	56			571	572	574	575	576	577	579	1	
4	58	0 581	583	584	585	580	588	589	590	591	2	
5	59			596	598	599	600	602	608	604	1	
6	60		608	609	610	612	618	614	615	617	1	
7 8	61 63			$\begin{array}{c} 622 \\ 684 \end{array}$	623 686	$\frac{624}{687}$	626 688	627 639	628 641	629	2	
9 .	64			647	648	650	651	652	658	642 655	1	
8440	65	6 657	658	660	661	662	663	665	666	667	1	
1	66			672	674	675	676	677	679	680	i	
2	68			685	686	687	689	690	691	692	2	
3	69			697	699	700	701	703	704	705	1	
4	70	6 708	709	710	711	713	714	715	716	718	1	
5	71			7 <b>2</b> 8	724	<b>72</b> 5	726	728	729	780	2	
6	78			785	787	788	789	740	742	748	1	
7	74			748	749	750	752	758	754	755	2	
8 9	75			761 778	$\begin{array}{c} 762 \\ 774 \end{array}$	768 776	$\begin{array}{c} 764 \\ 777 \end{array}$	766 778	767 779	768 781	1 1	
3450	78			786	787	788	789	791	792	793	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3450	-53	782	783	784	786	787	788	789	791	792	793	1	
1 1		794	796	797	798	800	801	802	808	805	806	1	
2 3		$\begin{array}{c} 807 \\ 820 \end{array}$	$\begin{array}{c} 808 \\ 821 \end{array}$	810 822	$\begin{array}{c} 811 \\ 823 \end{array}$	$\begin{array}{c} 812 \\ 825 \end{array}$	$813 \\ 826$	815 8 <b>27</b>	$\begin{array}{c} 816 \\ 828 \end{array}$	817 830	818 8 <b>3</b> 1	2	
4		832	833	835	836	837	839	840	841	842	844	ī	
5		845	846	847	849	850	851	852	854	855	856	1	:
6 7		857 870	$859 \\ 871$	$\frac{860}{872}$	861 874	86 <b>2</b> 875	864 876	865 877	866 879	$\begin{array}{c} 867 \\ 880 \end{array}$	$869 \\ 881$	1	
8		882	884	885	886	888	889	890	891	898	894	ī	
9		895	896	898	899	900	901	903	904	905	906	2	
3460		908	909	910	911	913	914	915	916	918	919	1	
1		920	921	923	924	925	926	928	929	980	931	2	
2		$\begin{array}{c} 933 \\ 945 \end{array}$	934	935	936	938	989	940	941	943	944	1	
3 4		840	$\frac{947}{959}$	948 $960$	$\begin{array}{c} 949 \\ 962 \end{array}$	950 963	$\begin{array}{c} 952 \\ 964 \end{array}$	953 965	$\frac{954}{967}$	968 968	$\frac{957}{969}$	1	
5		970	072	973	974	975	977	978	979	980	982	1	
6.		983	984	985	987	988	989	990	992	993	994	1	
7	F.4	995	997	898	999					*005		1	
8	*1)4	008 020	009	$\begin{array}{c} 010 \\ 023 \end{array}$	$\begin{array}{c} 012 \\ 024 \end{array}$	$\begin{array}{c} 013 \\ 025 \end{array}$	014 027	015 028	$017 \\ 029$	018 030	$019 \\ 032$	1	
3470		033	034	035	087	088	089	040	042	048	044	1	
3770		045	047	048	049	050	052	058	054	055	057	i	
2		058	059	060	062	003	064	005	067	068	069	1	
3		070	072	078	074	075	077	078	079	080	082	1	
4		083	084	085	087	880	០ឣ៦	090	092	093	094	1	
5		095	097	098	099	100	102	103	104	105	107	1	
i) 7		$\frac{108}{120}$	109 122	110 123	$\frac{112}{124}$	$\begin{array}{c} 113 \\ 125 \end{array}$	$\frac{114}{127}$	115 128	$\frac{117}{129}$	$\begin{array}{c} 118 \\ 180 \end{array}$	$\begin{array}{c} 119 \\ 132 \end{array}$	1	
8		138	134	135	137	188	139	140	142	143	144	i	
9		145	147	148	149	150	152	153	154	155	157	1	
3480		158	159	160	162	163	164	165	167	168	169	1	
1	l	170	172	173	174	175	177	178	179	180	182	1	
2 8		$\frac{183}{195}$	184	146	187 199	188 200	189 202	190 203	$\frac{192}{204}$	193 205	$\begin{array}{c} 194 \\ 207 \end{array}$	1	
4		208	209	210	212	213	214	215	217	218	219	i	
5		220	222	223	224	225	227	228	229	230	231	2	
6		233	234	235	236	ង្គង្គង ១៩០	239	240	241	243	244	1	
7 8	İ	245 258	246 259	248 260	$\frac{249}{261}$	250 263	251 264	253 265	254 266	255 268	256 269	2 1	
9		270	271	273	274	275	276	278	279	280	281	2	
8490		288	284	285	286	288	289	290	291	292	294	1	
1		295	296	297	299		301	802	304	305	306	1	
2 3		807 820	809 821	810 822	311 324	312 325	314 326	315 327	316 329	317 330	319 331	1	
4	ĺ	332	334	335	336		339	340	341	342	848	2	
5		345	346	847	348		351	852	353	355	356	1	
6	1	357	358	360	361	362	363	365	866	367	368	2	
7 8		370 382	371 383	372 384	373 386		376 388	37 <b>7</b> 389	878 391	379 392	381 393	1	
9		394	396	397	398	399	401	402	408	404	406	i	
3500		407	408	409	411	412	413	414	415	417	418	1	

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No.		0	1	. 2	2 3	3 4		5 6	7	8	9	1:	-	P.P.	,
3500	.5	4 40										1		The state of the second	
$\frac{1}{2}$	1	419											1		
3		444													ı
4		456	3 45	8 45	9 46	0 461	. 46	3 46	4 461	5 460	468	1			l
5	1	469													i.
6 7		481 494													j
8	Ì	506	3 50	7 50	8 51	0 51.1	. 51	2 513	3 515	5 516	617	1			ı
9		518	3 52	0 52	1 52	2 523	52	5 52	6 527	628	529	2			1
3510		531 543										1			1
1 2		555													
3	1	568	569	570	0 57	2 573	57	4 578	5 576	578	579	1	1		
4		580	581	L 583	3 58	4 585	586	2 288	8 589	690	591	2			
5 6		593 605					599			603	604	1			l
7	j	617					611 623			615 627	616 628	1 2			
8		630	631	682	633	8 635	636	637	638	ดลื่อ	641	ī			
9		642	643	3 644	1 646	3 647	648	3 649	651	652	653	1			İ
3520 1		654 667	656 668				660 678			664	665	2			١
2		679	680				688			676 689	678 690				ı
3		691	692			696	697	699	700	701	702	2	1		
4		704	705				710	711	712	713	715	1			l
5 6		716 728	717 729				722			726	727	1			l
7	ļ	741	742			745	734 747			738 750	739 752	1			
8 9		753	754		757	758	759	760	761	763	764	i			l
		765	786				771	778	774	775	776	I			I
3530 1		777 790	779				784			787	789	1			l
2		802	791 803				796 808			800 812	H()1	1			l
3		814	816	817	818	819	821			824	RIB	2			ļ
4		827	828	829	830	832	888	884		886	หลิน	ī			l
5		839	840	841			845	846	848	849	850	1			
$\frac{6}{7}$		851 864	852 865	854 866			857 870	859	860	861	862	2			l
8		876	877	878	879		882	871 883	872 884	878 886	875 887	1			ı
9		888	889	891	892	898	894	895	897	898	899	i			
3540 1		900	902	903	904	905	906	908	909	910	911	2			
2		$\begin{array}{c} 913 \\ 925 \end{array}$	914 926	915 927	916 929	917 930	919 931			922	924	1			ŀ
3		937	988	940	941	942	948	982 944	938 946	947 985	986 948	1			
4		949	951	952	958	954	955	957	958	959	960	2			
5 6		962	968	964	965	967	968	969	970	971	973	1			
7		974 986	975 987	976 989	978 990	979 991	980	981	982	984	985	1			
8	<b>.</b>	998	*000	*001	*002	*008	992 *004	998 *006	995 *007	898 • 80 <b>0</b> •	997 +009	2			
9	.55	011	012	013	014	015	017	018	019	020	022	ī			
3550		028	024	025	027	028	029	080	031	033	034	1			
							W				100	1			

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3550	·55 (	23	024	025	027	028	029	030	031	033	034	1	
1.		35	086	038	039	040	041	042	044	045	046	1	
2 3		)47	049	050	051	$\begin{array}{c} 052 \\ 064 \end{array}$	$\begin{array}{c} 053 \\ 066 \end{array}$	055 067	$\begin{array}{c} 056 \\ 068 \end{array}$	057	058	2	
4		)60 )72	$\begin{array}{c} 061 \\ 073 \end{array}$	$\begin{array}{c} 062 \\ 074 \end{array}$	$\begin{array}{c} 063 \\ 075 \end{array}$	077	078	079	080	$\begin{array}{c} 069 \\ 082 \end{array}$	$\begin{array}{c} 071 \\ 083 \end{array}$	1 1	
5	(	084	085	086	088	089	090	091	093	094	095	1	
6	(	960	097	099	100	101	102	104	105	106	107	i	
7		108	110	111	112	113	114	116	117	118	119	2	
8 9		121 133	$\frac{122}{134}$	$\frac{123}{135}$	$\begin{array}{c} 124 \\ 136 \end{array}$	125 138	$\begin{array}{c} 127 \\ 139 \end{array}$	$\begin{array}{c} 128 \\ 140 \end{array}$	$\begin{array}{c} 129 \\ 141 \end{array}$	$\begin{array}{c} 130 \\ 143 \end{array}$	$\begin{array}{c} 132 \\ 144 \end{array}$	1 1	
3560		145	146	147	149	150	151	152	154	155	156	1	
1		157	158	160	161	162	163	165	166	167	168	ī	
2		169	171	172	173	174	175	177	178	179	180	2	
3 4		1 H 2 1 9 -1	$\frac{183}{195}$	184 196	$\frac{185}{197}$	$\frac{186}{199}$	$\begin{array}{c} 188 \\ 200 \end{array}$	$\frac{189}{201}$	$\frac{190}{202}$	$\begin{array}{c} 191 \\ 204 \end{array}$	$\frac{193}{205}$	1 1	
5		206	207	208	210	211	212	213	214	216	217	1	
6		218	219	221	2222	223	224	225	227	228	<b>229</b>	1	
7		230	232	233	234	235	236 249	238	239	240	241	1	
8 9		242 255	244 256	245 257	$\frac{240}{258}$	$\begin{array}{c} 247 \\ 260 \end{array}$	201	250 262	$\frac{251}{263}$	$\frac{252}{264}$	$\begin{array}{c} 253 \\ 266 \end{array}$	2	
3570		267	268	269	270	272	273	274	275	277	278	1	
1		279	280	281	283	284	285	286	287	289	290	1	
2 8		2 <b>9</b> 1 303	292 305	294 306	295 307	296 308	29 <b>7</b> 309	298 311	$\frac{300}{312}$	$\frac{301}{313}$	$\frac{302}{314}$	1 1	
4		315	317	318	319	820	322	828	$32\overline{4}$	325	326	2	
5		328	329	330	881	332	334	335	836	337	339	1	
6 7		340	341	342 354	343	845 857	346 368	$\begin{array}{c} 347 \\ 359 \end{array}$	348 360	$\begin{array}{c} 349 \\ 862 \end{array}$	351	1	
ś		352 364	353 365	366	356 368	869	370	371	373	374	363 375	1 1	
9		376	377	379	380	381	883	383	886	386	387	1	
3580		388	390	391	392	898	894	396	397	398	899	1	
1 2		$\frac{400}{413}$	402 414	408 415	$\frac{404}{416}$	405	406 419	408 420	409 421	$\frac{410}{422}$	411 423	2 2	
รื		425	426	427	454	430	481	482	433	434	436	1	
4		437	438	489	440	443	443	444	445	446	448	1	
5		449	450	451	453	454	455	456	457	459	460	1	
6 7		$\frac{461}{473}$	$\frac{462}{474}$	$\frac{463}{470}$	465	466 478	467 479	468 480	470 483	471 483	$\frac{472}{484}$	1 1	
8		410 485	486	488	489	490	491	498	494	495	496	1	
9		497	499	500	501	502	503	505	506	507	508	1	
3590		509	511	512	513	514	515	517	518	519	520	2 2	
1		522 524	523 535	524	525	កិន្ទត ឧទទ	828	529 541	580 542	531 548	532 545	1	
3 8		584 546	535 547	586 548	637 649	538 551	540 552	541 553	554	555	557	1	
4		558	559	560	561	563	564	565	566	567	569	1	
5		570	571	572	574	575	576	577	578	580	581	1	
6		582	588	584	888	587	588 600	589	690	592 604	598 605	1 1	
<i>7</i> 8		594 606	595 607	596 609	898 610	599 611	612	613	602 615	616	617	1	
9		618	619	621	022	628	624	625	627	628	629	1	
8600		680	681	633	634	635	686	637	639	640	641	1	

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No.		0	1	2	3	4	5	6	7	8	9	D	P.P	
3600	-55 6	30 f	31	633	634	635	636	637	639	640	641	1		
1	6	42 6		645	646		648							
2				657	658		660						1	
3 4				669 681	670 682	671 683	672 685							
1	"	10 0	00 (	101	002	000	บอย	000	001	000	000	4	l	
5				393	694	695	697					2		
6 7				705	706	707	709					2		i
8				717 729	718 730	$719 \\ 731$	721 733					$\begin{vmatrix} 2\\2 \end{vmatrix}$		
9				41	742	744	745	746	747			1		
3610	7	51 7	52 7	53	754	750	72 27	<b>7</b> × 0	# × 0	700	700	_		
1				65	766	756 768	757 769	758 770	759 771			1 1	1	
2	77	75 7	76 .7	77	778	780	781	782	783			i	}	
3	78			89	790	792	793	<b>7</b> 94	795	796	798	1		
4	79	99 8i	00 8	01	802	804	805	806	807	808	810	1		
5	81			13	814	816	817	818	819	820	822	1		ı
6	82			25	826	828	829	830	831	832	834	î		Į
7 8	83			$\begin{array}{c} 37 \\ 49 \end{array}$	838	840	841	842	843		846	1		
9	85			61	850 862	$\begin{array}{c} 852 \\ 864 \end{array}$	853 865	854 866	855 867	856 868	858 870	1		ı
0000							000	000	001	000	010	-		-
3620 1	87			73 85	874 886	876 888	877	878	879	880	882	1		Ì
2	89			97	898	900	889 901	890 902	891 903	892 904	894 906	1	ı	- [
3	90		8 9	09	910	912	913	914	915	916	918	1 1		- 1
4	91	9 92	20 9	21	922	<b>924</b>	925	926	927	928	930	î		1
5	93	1 98	2 9	33	934	936	937	938	939	940	942	,		1
6	94			45	946	948	949	950	951	952	954	1 1		- [
7 8	95 96			57	958	960	961	<b>962</b>	963	964	966	î		1
9	97			69 81	970 982	$\begin{array}{c} 972 \\ 983 \end{array}$	973	974	975	976	978	1		1
	,	•		01	302	300	985	986	987	988	989	2		1
3630 1	99			93	994	995	997	998	999	<b>*0</b> 00	*001	2		١
2	·56 00 01			05	006	007	009	010	011	012	013	2		١
3	02				018 030	019 031	021 033	022	023	024	025	2		1
4	03				042	043	044	$034 \\ 046$	$\begin{array}{c} 035 \\ 047 \end{array}$	$\begin{array}{c} 036 \\ 048 \end{array}$	$037 \\ 049$	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$		İ
5	056	0 05	0 0-	. 0	054					V 10	VIO	*		
6	065				054 066	055 067	056	058	059	060	061	1		
7	074	1 07			078	079	068 080	$\begin{array}{c} 070 \\ 081 \end{array}$	071 083	072	073	1		1
8	086	08	7 08	9	090	091	092	093	083	084 096	085 097	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$		
9	098	3 09	9 10	1	102	103	104	105	107	108	109	i		İ
3640	110	11:	l 11	3	114	115	116	117	110	100				1
1	122	12	3 12	4	126	127	128	$\begin{array}{c} 117 \\ 129 \end{array}$	118 130	$\begin{array}{c} 120 \\ 132 \end{array}$	121 133	1		1
3	134 146				138	139	140	141	142	144	145	1 1		ı
4	158				149	151	152	153	154	155	157	i		
			- 10	J	161	163	164	165	166	167	169	1		I
5 6	170				173	175	176	177	178	179	180	2		l
7	182 194				185	186	188	189	190	191	192	2		
8	205				$197 \\ 209$	198 210	200	201	202	203	204	1		
9	217				221	222	$\begin{array}{c} 211 \\ 223 \end{array}$	$\begin{array}{c} 213 \\ 225 \end{array}$	$\begin{array}{c} 214 \\ 226 \end{array}$	215 227	216 228	1		l
3650	229	230	23	2	233					•	428	1		
				_		234	235	<b>2</b> 36	<b>23</b> 8	239	240	1		
54					4331	2								J

No.	O	1	2	3	4	5	6	7	8	9	D.	P.P.
3650 1 2 3 4	-56 229 241 253 <b>2</b> 65 277	230 242 254 266 278	232 244 255 267 279	233 245 257 269 280	234 246 258 270 282	235 247 250 271 283	236 248 260 272 284	238 250 261 273 285	239 251 263 274 286	240 252 264 276 288	1 1 1 1 1	
5 6 7 8 9	289 301 312 324 336	290 302 314 326 337	291 303 315 327 339	202 304 316 328 340	293 805 317 329 841	295 307 318 330 342	296 308 320 331 343	297 309 321 333 345	298 310 322 334 346	299 311 323 335 347	2 1 1 1 1	
8660 1 2 3 4	348 360 872 884 396	349 361 373 385 397	350 362 374 386 398	852 864 875 387 899	353 365 377 388 400	354 366 378 390 401	355 367 379 391 408	356 368 380 392 404	358 369 381 393 405	359 371 383 394 406	1 1 1 2 1	
5 7 8 9	407 419 431 443 455	400 420 432 444 456	410 422 433 445 457	411 423 435 446 458	412 424 436 448 460	413 425 437 449 461	415 426 438 450 462	416 428 439 451 463	417 429 441 452 464	418 430 442 454 465	1 1 1 2	
8670 1 2 3 4	467 478 490 502 514	468 480 491 503 515	469 481 493 504 516	470 482 494 506 517	471 483 495 507 519	473 484 496 508 520	474 486 497 509 521	475 487 499 510 522	476 488 500 512 523	477 489 501 513 525	1 1 1 1	
5 7 8 9	526 538 549 561 573	527 539 551 562 574	528 540 552 564 575	529 541 553 565 577	530 542 554 566 578	532 543 555 567 579	538 545 556 568 580	584 546 558 569 581	535 547 559 571 582	536 548 560 572 584	2 1 1 1	
8680 1 2 3	585 597 608 620 632	598 610 621 633	587 599 611 628 634	588 600 612 624 635	590 601 613 625 687	591 602 614 626 688	592 604 615 627 639	598 605 617 628 640	594 606 618 630 641	595 607 619 631 643	2 1 1 1	
5 6 7 8 9	644 656 667 679 691	645 657 668 680 692	646 658 670 681 698	647 659 671 688 694	648 600 672 684 696	650 661 678 685 697	651 668 674 686 698	652 664 676 687 699	653 665 677 689 700	654 666 678 690 701	2 1 1 1 2	
3690 1 2 3 4	703 714 726 738 750	704 716 727 789 751	705 717 729 740 752	706 718 780 741 758	707 719 781 748 754	709 720 732 744 756	710 721 783 745 757	711 723 784 746 758	712 724 736 747 759	718 725 737 749 760	1 1 1 1	
5 6 7 8 9	761 778 785 797 808	768 774 786 798 810	764 776 787 799 811	765 777 788 800 812	766 778 790 801 813	767 779 791 808 814	768 780 792 804 815	770 781 793 805 817	771 783 794 806 818	772 784 796 807 819	1 1 1 1 1	
8700	820	821	828	824	825	826	827	828	830	831	1	55

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3700	·56 82	0 821	823	824	825	826	827	828	830	831	1	
1	83		834	835	837	838	839	840	841	842	2	
$\begin{bmatrix} 2 \\ 3 \end{bmatrix}$	84 85		846 858	847 859	848 860	850 861	851 862	$\begin{array}{c} 852 \\ 864 \end{array}$	853 865	$\begin{array}{c} 854 \\ 866 \end{array}$	1	
4	86		869	871	872	873	874	875	876	878	1	
5 6	87		881 893	882	884	885	886	887	888	889	2 1	
7	89 90		905	894 906	895 <b>9</b> 07	896 908	898 909	899 910	900 912	$901 \\ 913$	1	
8	91		916	917	919	920	921	922	923	925	1	l
9	92	6 927	928	929	930	932	933	934	935	936	1	
3710 1	93 94		940 951	941 953	$942 \\ 954$	943 955	944 956	946 957	947 958	948 960	1	
$\frac{1}{2}$	96		963	964	965	967	968	969	970	971	1	
3	97		975	976	977	978	980	981	982	983	ī	
4	98	4 985	987	988	989	990	991	992	994	995	1	
5 6	99 •57 00		998		*001				*005		2	
7	01		$\begin{array}{c} 010 \\ 022 \end{array}$	$\begin{array}{c} 011 \\ 023 \end{array}$	$\begin{array}{c} 012 \\ 024 \end{array}$	$013 \\ 025$	$\begin{array}{c} 015 \\ 026 \end{array}$	$\begin{array}{c} 016 \\ 027 \end{array}$	$\begin{array}{c} 017 \\ 029 \end{array}$	$\begin{array}{c} 018 \\ 030 \end{array}$	1 1	
8	03		033	034	036	037	038	039	040	041	2	
9	04	3 044	045	046	047	048	050	051	052	053	1	
3720	05		057	058	059	060	061	062	064	065	1	
$\frac{1}{2}$	06 07		068 080	069 081	$\begin{array}{c} 071 \\ 082 \end{array}$	072 083	073 085	074 086	075 087	$\begin{array}{c} 076 \\ 088 \end{array}$	2	
3	08		092	093	094	095	096	097	099	100	1	
4	10	1 102	103	104	106	107	108	109	110	111	2	
5 6	11		115	116	117	118	120	121	122	123	1	
7	$\begin{array}{c} 12 \\ 13 \end{array}$		$\frac{127}{138}$	$\frac{128}{139}$	$\frac{129}{141}$	130 142	$\frac{131}{143}$	$\frac{132}{144}$	$\frac{134}{145}$	$\frac{135}{146}$	1 2	
8	14		150	151	152	153	155	156	157	158	ī	
9	15	9 160	162	163	164	165	166	167	169	170	1	
3730	17		173	174	176	177	178	179	180	181	2	
$\frac{1}{2}$	18 19		185 196	186 198	$\frac{187}{199}$	188 200	190 201	191 202	$\begin{array}{c} 192 \\ 203 \end{array}$	$\frac{193}{205}$	1	
3	20		208	209	210	212	213	214	215	216	1	
4	21	7 219	220	221	222	223	224	226	227	228	1	
5	22		231	233	234	235	236	237	238	240	1	
6 7	24: 25:		243 255	$\frac{244}{256}$	$245 \\ 257$	$\frac{246}{258}$	$\frac{248}{259}$	249 260	$\frac{250}{262}$	$\frac{251}{263}$	1 1	
8	26		266	267	269	270	271	272	273	274	2	
9	27	6 277	278	279	280	281	283	284	285	286	ī	
3740	28		289	291	292	293	294	295	296	298	1	
$egin{array}{c} 1 \ 2 \end{array}$	29 31		301 313	302 314	$\begin{array}{c} 303 \\ 315 \end{array}$	305 316	306 317	$\begin{array}{c} 307 \\ 319 \end{array}$	$\frac{308}{320}$	$\frac{309}{321}$	1 1	
3	32		$\begin{array}{c} 313 \\ 324 \end{array}$	325	$\begin{array}{c} 310 \\ 327 \end{array}$	316 328	329	330	331	$\frac{321}{332}$	2	
4	33		336	337	338	339	341	342	343	344	ī	
5	34		348	349	350	351	352	353	354	356	1	
6 7	35 36		$\frac{359}{371}$	$\frac{360}{372}$	$\frac{361}{373}$	363 <b>3</b> 74	364 375	365 376	366	367	1	
8	38		382	383	385	386	387	388	$\frac{378}{389}$	$\frac{379}{390}$	1 2	1
9	39		394	395	396	397	398	400	401	402	ī	
3750	40	3 404	405	407	408	409	410	411	412	414	1	Ì

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3750	-57		404	405	407	408	409	410	411	412	414	1	
1 2		$\begin{array}{c} 415 \\ 426 \end{array}$	$\frac{416}{427}$	$\frac{417}{429}$	418 430	419 431	$\frac{420}{432}$	$\frac{422}{433}$	$\frac{423}{434}$	$\begin{array}{c} 424 \\ 436 \end{array}$	$\frac{425}{437}$	1	
3		438	439	440	441	442	444	445	446	447	448	1 1	
4		449	451	452	453	454	455	456	458	459	460	ī	
წ 6		$\begin{array}{c} 461 \\ 473 \end{array}$	$\begin{array}{c} \textbf{462} \\ \textbf{474} \end{array}$	$\frac{463}{475}$	$\begin{array}{c} 464 \\ 476 \end{array}$	466 477	$\frac{467}{478}$	$\frac{468}{479}$	$\frac{469}{481}$	$\begin{array}{c} 470 \\ 482 \end{array}$	$\begin{array}{c} 471 \\ 483 \end{array}$	2	
7		484	485	486	488	489	490	491	492	493	495	1	
8		496 507	$\frac{497}{508}$	$\frac{498}{510}$	$\frac{499}{511}$	$\begin{array}{c} 500 \\ 512 \end{array}$	501 513	$\begin{array}{c} 503 \\ 514 \end{array}$	$\begin{array}{c} 504 \\ 515 \end{array}$	$505 \\ 516$	$506 \\ 518$	1 1	
3760		519	520	521	522	523	525	<b>52</b> 6	527	528	529	1	
1		530	531	533	534	535	536	537	538	540	541	i	
2 3		$\begin{array}{c} 542 \\ 568 \end{array}$	543	544	545	546	548	549	550	551	552	1	
4		565	555 566	$\begin{array}{c} 556 \\ 567 \end{array}$	$\begin{array}{c} 557 \\ 568 \end{array}$	558 57 <b>0</b>	559 571	$\begin{array}{c} 560 \\ 572 \end{array}$	$\begin{array}{c} 561 \\ 573 \end{array}$	$\begin{array}{c} 563 \\ 574 \end{array}$	$\begin{array}{c} 564 \\ 575 \end{array}$	1 1	
5		576	578	579	580	581	582	583	585	586	587	1	
6 7		588 600	589 601	$\begin{array}{c} 590 \\ 602 \end{array}$	$\begin{array}{c} 591 \\ 603 \end{array}$	$\begin{array}{c} 593 \\ 604 \end{array}$	$\frac{594}{605}$	595 606	596 608	597 609	598	2	
8		611	612	613	615	616	617	618	619	620	$\begin{array}{c} 610 \\ 621 \end{array}$	2	
9		623	624	625	626	627	628	630	631	632	633	ī	
3770		634	035	636	638	639	640	641	642	643	645	1	1
1 2	]	646 657	$\begin{array}{c} 647 \\ 658 \end{array}$	$\frac{048}{659}$	$\frac{649}{661}$	$\begin{array}{c} 650 \\ 662 \end{array}$	$\begin{array}{c} 651 \\ 663 \end{array}$	$\begin{array}{c} 653 \\ 664 \end{array}$	$\begin{array}{c} 654 \\ 665 \end{array}$	$\begin{array}{c} 655 \\ 666 \end{array}$	$\begin{array}{c} 656 \\ 668 \end{array}$	1	
3		669	670	671	672	673	674	676	677	678	679	1	
4		680	681	682	684	685	686	687	688	689	691	1	
5 6		$\frac{692}{703}$	$693 \\ 704$	$694 \\ 705$	$\begin{array}{c} 695 \\ 707 \end{array}$	$\frac{696}{708}$	$\frac{697}{709}$	699 710	700 711	$701 \\ 712$	$702 \\ 714$	1	
7		715	716	717	718	719	720	722	723	724	725	î	
8		726	727	728	730	731	732	783	734	735	737	1	
ð		738	739	740	7-11	742	743	745	746	747	748	1	
3780 1		749 761	750 762	$\frac{751}{763}$	$753 \\ 764$	$\begin{array}{c} 754 \\ 765 \end{array}$	755 766	$\frac{756}{768}$	757 769	758 770	760 771	1 1	
2		772	773	774	776	777	778	779	780	781	782	2	
3		784	785	786	787	788	789	791	792	793	794	1	
4		795	796	797	799	800	801	802	803	804	805	2	
5 6		807 818	808 819	809 820	810 822	$\begin{array}{c} 811 \\ 823 \end{array}$	$\begin{array}{c} 812 \\ 824 \end{array}$	813 825	815 826	816 827	817 828	1 2	
7		830	831	832	883	884	835	836	838	839	840	ı	
8	Ì	841	842	843	844	846	847	848	849	850	851	1	
9		852	854	855	856	857	858	859	860	862	863	1	
8790 1		864 875	865 877	800 878	807 879	869 880	870 881	871 882	872 883	873 885	874 886	1 1	
2		887	888	889	890	891	893	894	895	896	897	1	
3		898	899	901	902	903	904	905	906	907	909	1 1	
4		910	911	912	913	914	915	917	918	919	920		
5 6		921	922 934	$923 \\ 935$	925 936	926 937	927 938	928 939	929 941	930 942	931 • 943	2	
7		938	945	946	947	949	950	951	952	953	954	1	-
8		955	957	958	959	960	961	962	963	965	966	1	
9		967	968	969	970	972	973	974	975	976	977	1	1
3800	]	978	980	981	982	983	984	985	986	988	989	1	1

LOGS.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3800	57 978	980	981	982	983	984	985	986	988	989	1	
1	990	991	992	993	994	995	997	998		*000	1	
2	∙58 001	002	003	005	006	007 018	008 019	009 021	010	$\begin{array}{c} 011 \\ 023 \end{array}$	2 1	
3 4	013 024	014 025	$\begin{array}{c} 015 \\ 026 \end{array}$	$\begin{array}{c} 016 \\ 027 \end{array}$	$\begin{array}{c} 017 \\ 029 \end{array}$	030	031	032	033	034	i	
	i									0.40	.	
5	035	037	038	039	040	041 053	$042 \\ 054$	043 055	045 056	$046 \\ 057$	1 1	
6	047 058	048 059	$049 \\ 061$	050 062	051 063	064	065	066	067	069	i	
7 8	070	071	072	073	074	075	077	078	079	080	i	
9	081	082	083	085	086	087	088	089	090	091	1	
3810	092	094	095	096	097	098	099	100	102	103	1	
1	104	105	106	107	108	110	111	112	118	114	1	
2	115	116	118	119	120	121	122	123	124	126	1	
3	127	128	129	130	131	182	$\frac{184}{145}$	135 146	$\frac{186}{147}$	137 148	1	
4	138	139	140	141	143	144	130	1.417	141	140		
5 6	149	151	1.52	1.53	154	155	156	157	159	160	!	
6	161	162	163	164	168	167	168	169	170	171	1	
7	172	173	174	176	177	178 189	179 190	180 192	181	182	2	
8 9	184 195	$\begin{array}{c} 185 \\ 196 \end{array}$	$\frac{186}{197}$	$\frac{187}{198}$	188 200	201	202	203	204	205	i	
3820	206	207	209	210	211	212	213	214	215	217	1	
1	218	210	220	221	222	223	225	226	227	228	i	
2	229	230	231	282	284	235	236	237	238	239	1	
3	240	242	243	244	245	246	247	248	250	251	1	
4	252	253	254	255	256	257	259	260	261	262	1	
5	263	264	265	267	268	269	270	271	272	273	1	
6	274	276	277	278	279	280	281	282	284	285	1	
7 8	286 297	287 298	288 299	289 801	$\begin{array}{c} 290 \\ 302 \end{array}$	292 303	293 304	294 305	295 306	296 207	1 2	
9	309	810	311	312	313	814	815	816	318	319	1	
3830	820	821	822	323	824	326	827	828	829	830	1	
1	881	332	333	335	336	837	888	339	840	341	2	
2 3	848	844	845		847	848	849	850	862	353	1	
3 4	354 365	855 866	$\begin{array}{c} 356 \\ 367 \end{array}$	857 869	358 370	360 371	$\frac{861}{872}$	362 878	874 868	3114 375	1 2	
5	377	378	879	380	881	882	888	884	886	887	1	
6 7	388 399	889 400	890 401	891 403	$\begin{array}{c} 892 \\ 404 \end{array}$	894 405	895 406	896 407	897 408	898 409	1	
8	410	412	418	414	415	416	417	418	420	421	i	
9	422	428	424	425	426	427	429	480	481	482	i	
3840	438	484	435	437	438	439	440	441	442	448	1	
1	444	446	447	448	449	450	451	452	453	455	i	
2	456	457	458	459	460	461	463	464	465	466	1	
3 4	467	468	469	470	472	478	474	475	476	477	1	
*	478	479	481	482	488	484	485	486	487	489	1	
5	490	491	492	498	494	495	496	498	499	500	1	
6 7	501 512	502 513	508	504	505	507	508	509	510	511	1	
8	512 524	525	514 526	516 527	517 528	518 529	519 530	520 531	521 533	522 534	2	
9	535	586	587	538	539	540	542	548	544	545	i	
3850	546	547	548	549	551	552	558	554	555	556	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3850	·58		547	548	549	551	552	553	554	555	556	1	
1 1		557	228	560	561	562 573	563	564	565	566	568	1	}
$\frac{2}{3}$		569 580	570 581	$\begin{array}{c} 571 \\ 582 \end{array}$	$\begin{array}{c} 572 \\ 583 \end{array}$	584	574 586	575 587	577 588	$\begin{array}{c} 578 \\ 589 \end{array}$	579 590	1	İ
4		591	592	59 <b>3</b>	595	596	597	598	599	600	601	î	
5		602	604	605	606	607	608	609	610	611	613	1	- 1
6 7		$\begin{array}{c} 614 \\ 625 \end{array}$	$\begin{array}{c} 615 \\ 626 \end{array}$	$\begin{array}{c} 616 \\ 627 \end{array}$	$\begin{array}{c} 617 \\ 628 \end{array}$	$\begin{array}{c} 618 \\ 629 \end{array}$	619 631	$\begin{array}{c} 620 \\ 682 \end{array}$	622 63 <b>3</b>	$\begin{array}{c} 623 \\ 634 \end{array}$	624	1	
s l		636	637	038	640	641	642	648	644	645	$\begin{array}{c} 635 \\ 646 \end{array}$	1 1	İ
9		647	649	650	651	652	658	654	655	656	658	ī	
3860		659	660	661	662	668	664	665	667	668	669	1	
1		670	$\begin{array}{c} 671 \\ 682 \end{array}$	$\begin{array}{c} 672 \\ 683 \end{array}$	$\begin{array}{c} 678 \\ 685 \end{array}$	$\begin{array}{c} 674 \\ 686 \end{array}$	676 68 <b>7</b>	677	678	679	680	1	
2 3		681 692	694	695	696	697	698	688 699	689 700	$\frac{690}{701}$	$\begin{array}{c} 691 \\ 703 \end{array}$	1 1	
4		704	705	706	707	708	709	710	712	713	714	î	
5		715	716	717	718	719	721	722	723	724	725	ı	
6 7		$\frac{726}{787}$	$\begin{array}{c} 727 \\ 739 \end{array}$	$\frac{728}{740}$	730 741	731 742	$\frac{732}{743}$	$\begin{array}{c} 783 \\ 744 \end{array}$	$\begin{array}{c} 784 \\ 745 \end{array}$	735 746	$786 \\ 748$	1 1	1
8		749	750	751	753	753	754	755	757	758	759	î	j
9		760	761	762	763	764	765	767	768	769	<b>7</b> 70	1	
3870		771	772	773	774	776	777	778	779	780	781	1	
$\begin{array}{c}1\\2\end{array}$	}	782 794	783 795	785 796	786 797	787 798	788 799	789 800	790 801	791 803	$\begin{array}{c} 792 \\ 804 \end{array}$	2 1	
3		805	800	807	808	809	810	811	818	814	815	î	
4		816	817	818	819	820	822	823	824	825	826	1	
5		827	828	829	881	882	833	884	835	836	837	1	
6 7		888	889 851	841 852	842 853	$\begin{array}{c} 848 \\ 854 \end{array}$	844 855	845 856	846 857	847 859	848 860	2 1	
Ŕ		861	862	803	864	865	866	867	869	870	871	i	
9		872	873	874	875	876	878	879	880	881	882	1.	
8880		888	884	885	887	888	889	890	891	892	898	1	
1 2		894 900	895 907	89 <b>7</b> 908	898 909	899 910	900 911	901 912	902 918	903 915	904 916	2	
3		917	918	919	920	921	922	928	925	926	927	ī	
4		928	929	930	931	932	934	935	986	987	938	1	
5		989	940	941	942	944	945	946	947	948	949	1	
6		950 961	951 963	953 964	954 965	955 966	950 967	957 968	958 969	959 970	$960 \\ 972$	1	
7 8	}	973	974	975	976	977	978	979	980	982	988	î	
9		984	985	986	987	988	989	990	992	993	994	1	
8890		995	996	997	998	999				*004		1	
1 2	1 .28	006	007 018	008	009 021	011 022	012 023	018	014 025	015	016 027	1	
3		028	080	030	032	033	034	035	036	037	038	2	}
4		040	041	042	043	044	045	046	047	049	050	1	
5		051	052	053	054	055	056	057	059	080	061	1	
6	1	062 078	068	064	065 076	066 077	067 079	080 080	070 081	071 082	072 083	1 1	
7 8		084	074 085	075 086	076	089	090	091	092		094	1	
ĝ		095	096	098	099	100	101	102	103		105	1	
8900		106	108	109	110	111	112	113	114	115	116	2	

	<u> </u>						***************	V		***************************************	T	1
No.	0	1	2	3	4	5	6	7	8	9	D	Р.Р.
3900	·59 106	108	109	110	111	112	113	114	115	116	2	
1	118	119	120	121	122	123	124	125	127	128	1	
2	129 140	130 141	$\frac{131}{142}$	$\frac{132}{143}$	$\frac{133}{144}$	$\frac{134}{145}$	$\frac{135}{147}$	$\begin{array}{c} 137 \\ 148 \end{array}$	$\begin{array}{c} 138 \\ 149 \end{array}$	139 150		
3 4	151	152		154	155	157	158	159	160	161	i	
5	162	163	164	165	167	168	169	170	171	172	1	
6 7	173 184	$\frac{174}{185}$	175 187	177 188	$\begin{array}{c} 178 \\ 189 \end{array}$	179 190	180 191	$\begin{array}{c} 181 \\ 192 \end{array}$	182 193	183	1	
8	195	197	198	199	200	201	202	203	204	205	2	
9	207	208	209	210	211	212	213	214	215	217	1	
3910	218	219	$\frac{220}{231}$	$\frac{221}{232}$	$\begin{array}{c} 222 \\ 233 \end{array}$	223	224	225	227	228	1	
$egin{array}{c} 1 \ 2 \end{array}$	229 240	$\begin{array}{c} 230 \\ 241 \end{array}$	$\begin{array}{c} 231 \\ 242 \end{array}$	243	244	234 245	$\frac{235}{247}$	237 248	238 249	289 250		
3	251	252	253	254	255	257	258	259	260	261	li	
4	262	268	264	265	267	268	269	270	271	272	1	
5 6	273	274	275	277	278	279	280	281	និមនិ	288	1	
7	284 295	$\frac{285}{296}$	286 298	288 299	289 300	290 301	291 302	292 303	293 304	294 805	!	
8	306	308	309	310	311	312	313	314	315	316	2	
9	318	319	320	321	322	323	324	825	326	327	2	
3920 1	329 340	330	381	332	333	334	335	336	337	339	1	
2	351	341 352	342 353	343 354	344 355	345 356	$\frac{346}{357}$	347 359	349 360	350 361	1	
3	362	363	364	365	866	367	368	370	871	872	li	
4	373	374	375	376	377	378	380	381	882	383	1	
5 6	384	385	386	387	388	389	391	892	393	394	1	
7	395 406	$\frac{396}{407}$	397 408	898 409	309 411	401 412	402	408	404 415	$\frac{405}{416}$	1	
8	417	418	419	420	422	428	424	425	426	427	1 1	1 1
9	428	429	430	432	433	434	485	436	487	488	i	
3930	439	440	441	448	444	445	446	447	448	449	1	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	450 461	$\frac{451}{462}$	$\frac{458}{464}$	$\begin{array}{c} 454 \\ 465 \end{array}$	$\begin{array}{c} 455 \\ 466 \end{array}$	456 467	457	458	459	400	1	
3	472	473	475	476	477	478	$\frac{468}{479}$	469 480	470 481	471 482	1 1	
4	483	485	486	487	488	489	490	491	492	498	i	
5 6	494	496	497	498	499	500	501	502	៦០ន	604	2	
7	506 517	$\begin{array}{c} 507 \\ 518 \end{array}$	508 519	$\frac{509}{520}$	$\begin{array}{c} 510 \\ 521 \end{array}$	$\begin{array}{c} 511 \\ 522 \end{array}$	512 528	813	814	515	25 25 25	
8	528	529	530	581	582	588	584	524 585	525 586	526 587	2	
9	539	540	541	542	548	544	545	546	547	549	î	
3940	550 561	551	552	558	554	555	556	557	558	560	1	
2	572	562 573	563 574	564 575	565 576	566 577		568	569	871	1	
3	583	584	585	586	587	588	578 589	579 590	580 591	582 593	1	
4	594	595	596	597	598	599	600	601	602	604	1	1
5 6	605 616	606	607	608	609	610	611	612	614	615	1	j
7	627	$\begin{array}{c} 617 \\ 628 \end{array}$	618 629	619 630	620 631	621	622	628	625	626	1	ļ
8	638	639	640	641	642	632 643	688 644	684 645	636 647	637	1	1
9	649	650	651	652	658	654	655	656	658	659	1	1
3950	660	661	662	668	664	665	666	667	669	670	1	g
an.											- 1	- 1

No.	· see Types a suite	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3950 1 2 3 4	-59	660 671 682 693 704	661 672 683 694 705	662 673 684 695 706	663 674 685 696 707	664 675 686 697 708	665 676 687 698 709	666 677 688 699 710	667 678 689 700 711	669 679 690 701 712	670 681 692 703 714	1 1 1 1	
5 6 7 8 9		715 726 737 748 759	716 727 738 749 760	717 728 739 750 761	718 $729$ $740$ $751$ $762$	719 730 741 752 763	720 731 742 758 764	721 $732$ $743$ $754$ $765$	722 733 744 755 766	723 734 745 756 767	725 736 746 757 768	1 1 2 2 2	
3960 1 2 3 4		770 780 791 802 813	771 782 793 804 814	772 783 794 805 816	773 784 795 806 817	774 785 796 807 818	775 786 797 808 819	776 787 798 809 820	777 788 799 810 821	778 789 800 811 822	779 790 801 812 823	1 1 1 1	
5 6 7 8 9		824 835 846 857 868	825 836 847 858 869	827 837 848 859 870	828 839 850 860 871	829 840 851 862 872	830 841 852 863 874	831 842 853 864 875	832 843 854 865 876	833 844 855 866 877	834 845 856 867 878	1 1 1	
3970 1 2 3 4		879 890 901 912 923	880 891 902 913 924	881 892 903 914 925	882 893 904 915 926	883 894 905 916 927	885 895 906 917 928	886 897 907 918 929	887 898 909 920 930	888 899 910 921 932	889 900 911 922 933	1 1 1 1	
5 6 7 8 9		984 945 956 966 977	935 946 957 968 978	936 947 958 969 980	987 948 959 970 981	938 949 960 971 982	939 950 961 972 983	940 951 962 973 984	941 952 963 974 985	942 953 964 975 986	944 954 965 976 987	1 2 1 1 1	
8980 1 2 8 4	•60	988 999 010 021 032	989 *000 011 022 033	990 *001 012 023 034	992 *002 013 024 085	993 *004 014 025 036	994 *005 016 026 037	995 *006 017 028 038	996 *007 018 029 040	997 *008 019 030 041	998 *009 020 031 042	1 1 1 1 1 1	
5 6 7 8 9		048 054 065 076 086	044 055 066 077 087	048 056 067 078 089	046 057 068 079 090	047 058 069 080 091	048 059 070 081 092	049 060 071 082 093	050 061 072 083 094	052 062 073 084 095	053 064 074 085 096	1 1 2 1 1	
8990 1 2 3 4		097 108 119 130 141	098 109 120 131 142	132	133	102 118 123 134 145	103 114 124 135 146	104 115 126 136 147	105 116 127 138 148	106 117 128 139 150	107 118 129 140 151	1 1 1 1 1 1	
5 6 7 8 9		152 168 178 184 195	158 164 175 185 196		155 166 177 188 198	156 167 178 189 199	157 168 179 190 201	158 169 180 191 202	181 192	160 171 182 193 204		3 1 1 1	
4000		206	207			210	211	213		215	216	1	

No.		0	1	2	3	4	5	6	7	8	9	1).	1	P.P.
400	-60	206	217	228	239	249	260					10		MATTER SERVICE
1	ĺ	314	325	336	347	358	369				412 520	11		
3	1	423 531	433 541	444 552	455 563	$\frac{466}{574}$	477 584				627	lii	l	
4		638	649	660	670	681	692				735	11		11
5 6 7		746	756	767 874	778 885	788 895	799 906	810 917		831 938	842 949	11	1 2	1 2
7	1	853 959	863 970	981		*002	*018					lii	3	8
8	.61	066.	077	087	098	109	119	130	140	151	162	10	4	4
9	Ì	172	183	194	,204	215	225	236	247	257	268	10	5 6	6 7
410		278	289	300	310	321	331 437	342 448		368 469	374 479	10	7	8 9
$\frac{1}{2}$	[	384 490	395 50 <b>0</b>	405 511	$\frac{416}{521}$	$\begin{array}{c} 426 \\ 532 \end{array}$	542	553		574	584	lii	9	10
3	}	595	606	616	627	637	648	880		679	690	10		, - •
4		700	711	721	731	742	752	768	778	784	794	11-		
5		805	815	826	886	847	857	868	878	888	800	10		
6 7	-62	$909 \\ 014$	$\begin{array}{c} 920 \\ 024 \end{array}$	980 084	$041 \\ 045$	951 055	962 966	972 076		993	*003	11		
8	102	118	128	138	149	159	170	180		201	211	10		
9		<b>22</b> 1	232	242	252	263	273	284	294	804	315	10		10
420		325	385	346	856	366	377	387	897	408	418	10	1	1
$\frac{1}{2}$		428 531	$\frac{489}{542}$	$\begin{array}{c} 449 \\ 552 \end{array}$	$\begin{array}{c} 459 \\ 562 \end{array}$	$\frac{469}{572}$	480 588	490 593	500 608	511 613	621 624	10	3	3
3		634	644	655	665	675	685	696	706	716	726	ii	4	1 4
4		737	747	757	767	778	788	798	808	818	829	10	ñ G	5   6
5	!	889	849	859	870	880	890	900	910	921	931	10	7	7
6	.68	941 043	$\begin{array}{c} 951 \\ 053 \end{array}$	961 068	$\frac{972}{078}$	982 083	992 094	*002 104	*012	*022 124	+038 184	10	H	8
7 8	•	144	155	165	175	185	195	205	215	225	286	10	Ų	1 4
9		246	256	266	276	286	296	300	817	327	337	10		
430		847 448	357	367	877	887	897	407	417	428	438	10		
1 2		548	458 558	468 568	$\frac{478}{579}$	488 589	498 599	508 609	518 619	620 620	aza aza	10		
2 3		649	659	669	679	689	699	709	719	729	739	10		
4		749	759	769	779	789	799	809	819	829	RSU	10		9
5 6		849	859	869	879	889	899	909	919	929	939	10	1	1
7	.64	949 048	959 058	969 068	$\frac{979}{078}$	988 <b>0</b> 88	998 098	*008	*018 118	*02H		10	3	1 2 20 4
7 8	-	147	157	167	177	187	197	207	217	128 227	137 237	10	4	1
9		246	256	266	276	286	296	806	316	326,	835	10	Ð	8
440		845	855	365	375	885	895	404	414	424	484	10	6 7	a d
1 2		444 542	454 552	464 562	478 572	488	498	508	513	528	582	10	8	7
3		640	650	660	670	582 680	591 689	601 699	611 709	62I 719	631 729	9	9	8
4		788	748	758	768	777	787	797	807	816	826	10		
5		886	846	856	865	875	885	895	904	914	924	9		
6 7	·BK	988 081	948 040	958	968	972	982	992	*002	*011	<b>#021</b>	10		
8	-00	128	137	050 147	$\begin{array}{c} 060 \\ 157 \end{array}$	$\begin{array}{c} 070 \\ 167 \end{array}$	079	089	099	108	118	10		
9		225	234	244	254	268	176 278	186 283	196 292	205 302	215 312	10		
450		821	881	841	350	860	869	379	389	398	408	10		
				***************************************	4 7 7		***************************************							

No.		0	1	2	3	4	5	6	7	8	9	D.	P	Р.
$\begin{array}{c} 450 \\ 1 \\ 2 \end{array}$	·65	321 418 514	331 427 523	341 437 533	350 447 543	360 456 552	369 466 562	379 475 571	389 485 581	398 495 591	408 504 600	10 10 10		
3 4		610 706 801	619 715 811	629 725 820	639 734 830	648 744 839	658 753 849	667 763	$\begin{array}{c} 677 \\ 772 \end{array}$	686 782	$696 \\ 792$	10		.0
5 6 7 8 9	∙66	896	906	916	925 *020 115 210	935	944	954 *049 143 238	868 963 *058 153 247	877 973 *068 162 257	887 982 *077 172 266	9 10 10 9	1 2 3 4 5	1 2 3 4 5
460 1 2 3		276 370 464 558	285 380 474 567	295 389 483 577	304 398 492 586	314 408 502 596	323 417 511 605	332 427 521 614	342 436 530 624	351 445 539 633	361 455 549 642	9 9 9 10	6 7 8 9	6 7 8 9
4 5 6 7 8	-67	745 839 932 025	755 848 941 034	671 764 857 950 043	773 867 960 052	783 876 969 062	792 885 978 071	708 801 894 987 080	717 811 904 997 089	727 820 913 *006 099	736 829 922 *015 108	9 10 10 10 9		
9 470 1		117 210 302	127 219 311	136 228 321	145 237 330	154 247 339	164 256 348	173 265 357	182 274 367	191 284 376	201 293 385	9 9	1 2	1 2 3
2 3 4		394 486 578 669	403 495 587 679	413 504 596 688	422 514 605 697	431 523 614 706	440 532 624	449 541 633	459 550 642	468 560 651	477 569 660	9 9	3 4 5 6 7	3 4 5 6
5 6 7 8 9	-68	761 852 943	770 861 952 043	779 870 961 052	788 879 970 061	797 888 979 070	715 806 897 988 079	724 815 906 997 088	733 825 916 *006 097	742 834 925 *015 106	752 843 934 *024 115	9 9 10 9	8 9	<b>7</b> 8
480 1 2 3 4		124 215 305 395 485	133 224 314 404 494	142 233 323 413 502	151 242 332 422 511	160 251 341 431 520	169 260 350 440 529	178 269 359 449 538	187 278 368 458 547	196 287 377 467 556	205 296 386 476 565	10 9 9 9		3
5 6 7 8 9		574 664 753 842 931	583 673 762 851 940	592 681 771 860 949	601 690 780 869 958	610 699 789 878 966	619 708 797 886 975	628 717 806 895 984	637 726 815 904	646 735 824 913	655 744 833 922 *011	9 9 9 9	1 2 3 4 5	1 2 2 3 4
490 1 2 3 4	-69	020 108 197 285 373	028 117 205 294 381	037 126 214 302 390	046 135 223 311 399	055 144 232 320 408	064 152 241 329 417	073 161 249 338 425	082 170 258 346 434	090 179 267 355 443	099 188 276 364 452	9 9 9 9	6 7 8 9	5 6 6 7
5 6 <b>7</b> 8 9		461 548 636 723	469 557 644 732	478 566 653 740	487 574 662 749	496 583 671 758	504 592 679 767	513 601 688 775 862	522 609 697 784 871	531 618 705 793 880	539 627 714 801 888	9 9 9 9		
500		810 897	819 906	827 914	836 923	932	854 940	862 949	958	966	975	9		

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No.		0	1	2	3	4	5	6	7	8	9	D.	F	P.P.
500	-69	897	906	914	923	932	940	949	958	966	975	9		
1		984	992	*001	*010	*018	*027	*036			*062	8		
2	.70	070		088			114					9		
3 4	İ	$157 \\ 243$		$\frac{174}{260}$		$\frac{191}{278}$	200 286					9 8		^
•		240	202	200	203	210	200	200	500	012	021			9
5		329		346		364	372				406	9	1	1
6		415		432 518		449 535	458 544			484 569	492 578	9	3	3
7 8 9	1	501 586		603		621	629			655	663	9	4	4
9		672		689		706	714			740	749	8	5	5
510		757	766	774	783	791	800	808	817	825	834	8	6 7	5 6
1		842		859		876	885			910	919	8	8	7
2	1	927	935	944		961	969	978	986	995	*003	9	9	8
3	.71	012	020	029		046	054		, 071	079	088	8		
4	1	096	105	113	122	130	139	147	155	164	172	9		
5		181	189	198		214	223			248	257	8		1
6	1	265	273	282		299	307	315		332	341	8		
7 8	]	349 433	357 441	366 450		$\frac{383}{466}$	391 475	399 483		416 500	$\begin{array}{c} 425 \\ 508 \end{array}$	8 9		
9		517	525	533		550	559	567	575	584	592	8		8
¥00	1		200											
$\begin{array}{c} 520 \\ 1 \end{array}$		$600 \\ 684$	609 692	617 700	625 709	$634 \\ 717$	642 <b>7</b> 25	$650 \\ 734$	$\begin{array}{c} 659 \\ 742 \end{array}$	667 750	$\begin{array}{c} 675 \\ 759 \end{array}$	9 8	$\frac{1}{2}$	$\begin{array}{ c c }\hline 1\\2 \end{array}$
2		767	775	784	792	800	809	817	825	834	842	8	3	2
3	l	850	858	867	875	883	892	900	908	917	925	8	4	3
4		933	941	950	958	966	975	983	991	999	*008	8	5 6	4 5
5	.72	016	024	032	041	049	057	066	074	082	090	9	7	6
6 7	Ì	099	107	115	123	132	140	148	156	165	173	8	8	6
8	1	181 263	$\begin{array}{c} 189 \\ 272 \end{array}$	198 280	206 288	$\frac{214}{296}$	$\frac{222}{304}$	$\frac{230}{313}$	$\frac{239}{321}$	$\frac{247}{329}$	255	8	9	7
9	l	346	354	362	370	378	387	395	403	411	$\begin{array}{c} 337 \\ 419 \end{array}$	9		
530		428	436	444	452	460	400	455	405	400	-			i
1		509	518	526	534	542	469 550	47 <b>7</b> 558	485 567	493 575	501 583	8		
2	ļ	591	599	607	616	624	632	640	648	656	665	8		
3 4	i	673	681	689	697	705	713	722	730	738	746	8		
4	Ì	754	762	770	779	787	795	803	811	819	827	8		7
5		835	843	852	860	868	876	884	892	900	908	8	1	1
6 7		916	925 *006	933	941	949	957	965	973	981	989	8	2	1
8	.73	078	086	*014 094	*022 102	*030 111	*038 119	*046 127		*062		8	3 4	2 3
9	, ,	159	167	175	183	191	199	207	135 <b>21</b> 5	$\frac{143}{223}$	151 231	8	5	4
540		239	247	055	0.00	050					(		6	4
.1		320	328	$\frac{255}{336}$	$\frac{263}{344}$	$\begin{array}{c} 272 \\ 352 \end{array}$	280 360	288 368	296 376	304	312	8 8	<b>7</b> 8	5 6
2		400	408			432	440	448	456	$\frac{384}{464}$	392 472	8	9	6
3 4		480	488	496	504	512	520	528	536	544	552	8		
*		560	568	576	584	<b>592</b>	600	608	616	624	632	8		ı
5		640	648	656	664	672	679	687	695	703	711	8		j
6 7		719	727	735	743	751	<b>75</b> 9	767	775	783	791	8		]
8		799 878	807 886	815 894	823	830	838	846	854	862	870	8		- 1
9		957	965	973	$\begin{array}{c} 902 \\ 981 \end{array}$	$\begin{array}{c} 910 \\ 989 \end{array}$	918 997	926 *005	933 *013	941 *020	*028	8 8		
550	~.						301		.010		020	١		1
550	.74	บช6	044	052	060	068	076	084	092	099	107	8		j
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No.		0	1	2	3	4	5	6	7	8	9	D.	Ρ.	Ρ.
550 1 2 8 4	.74	036 115 194 273 351	044 123 202 280 359	052 131 210 288 367	060 139 218 296 374	068 147 225 304 382	076 155 233 312 390	084 162 241 320 398	092 170 249 327 406	099 178 257 335 414	107 186 265 343 421	****	ch. 2004	
5 6 7 8 9		429 507 586 663 741	487 515 593 671 749	445 523 601 679 757	453 531 609 687 764	461 539 617 695 772	468 547 624 702 780	476 554 632 710 788	484 562 640 718 796	492 570 648 726 803	500 578 656 733 811	78788	,	3
560 1 2 3 4	•75	819 896 974 051 128	827 904 981 959 136	834 912 989 066 143	842 920 997 074 151	850 927 *005 082 159	858 935 *012 089 166	865 943 *020 097 174	873 950 *028 105 182	881 958 *035 113 189	889 966 *043 120 197	78888	1 2 3 4 5	1 2 2 3 4
5 6 7 8 9		205 282 358 435 511	213 289 366 442 519	220 297 374 450 526	228 305 381 468 534	236 312 389 465 542	248 320 397 478 549	251 328 404 481 557	259 335 412 488 565	266 343 420 496 572	274 351 427 504 580	87877	6 7 8 9	6 6 7
570 1 2 3 4		587 664 740 815 891	595 671 74 <b>7</b> 823 899	603 679 755 881 906	610 686 762 838 914	618 694 770 846 921	626 702 778 853 929	633 709 785 861 937	641 717 793 868 944	648 724 800 876 952	656 732 808 884 959	8 8 7 7 8		
5 6 7 8 9	.76	967 042 118 193 268	974 050 125 200 275	982 057 183 208 283	989 065 140 215 290	997 072 148 223 298	*005 080 155 230 805	*012 087 163 238 813	*020 095 170 245 820	+027 103 174 253 328	*035 110 185 260 385	7 8 8 8		7
580 1 2 8		848 418 402 567 641	350 425 500 574 649	358 438 507 582 656	365 440 515 589 664	378 448 522 597 671	380 455 580 604 678	388 462 537 612 686	395 470 545 619 693	403 477 552 626 701	410 485 559 634 708	8 7 8 7 8	1 2 8 4 5	1 1 2 3 4
5 6 7 8 9	.77	716 790 864 938 012	728 79 <b>7</b> 871 945 019	780 805 879 958 026	738 812 886 960 034	745 819 893 967 041	758 827 901 975 048	760 884 908 982 056	768 842 916 989 068	778 849 928 997 070	782 856 980 *004 078	8 8 8 7	6 7 8 9	4 5 6
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950 1 2 3 4	-97	772 818 864 909 955	777 823 868 914 959	782 827 873 918 964	786 832 877 923 968	791 836 882 928 973	795 841 886 932 978	800 845 891 937 982	804 850 896 941 987	809 855 900 946 991	813 859 905 950 996	5 4 5 4		
5 6 7 8 9	-98	000 046 091 137 182	005 050 096 141 186	009 055 100 146 191	014 059 105 150 195	019 064 109 155 200	023 068 114 159 204	028 073 118 164 209	032 $078$ $123$ $168$ $214$	037 082 127 173 218	041 087 132 177 223	5 4 5 5 4		5
960 1 2 8 4		227 272 318 363 408	232 277 322 367 412	236 281 327 372 417	241 286 331 376 421	245 290 386 381 426	250 295 340 385 430	254 299 345 390 435	259 304 349 394 439	263 308 354 399 444	268 313 358 403 448	4 5 5 5 5	1 2 3 4 5 6	1 1 2 2 3 3
5 6 7 8 9		453 498 543 588 632	457 502 547 592 637	462 507 552 597 641	466 511 556 601 646	471 516 561 605 650	475 520 565 610 655	480 525 570 614 659	484 529 574 619 664	489 534 579 623 668	493 538 583 628 673	5 5 4 4	7 8 9	4 5
970 1 2 3 4		677 722 767 811 856	682 726 771 816 860	686 731 776 820 865	691 735 780 825 869	695 740 784 829 874	700 744 789 834 878	704 749 793 838 883	709 753 798 843 887	713 758 802 847 892	717 762 807 851 896	5 5 4 5 4		
5 6 7 8 9	.00	900 945 989 034 078	905 949 994 038 088	909 954 998 043 087	914 958 +003 047 092	918 963 *007 052 096	923 967 *012 956 100	927 972 *016 061 105	932 976 *021 065 109	936 981 *025 069 114	941 985 *029 074 118	4 4 5 4 5		4
980 1 2 3 4		123 167 211 255 300	127 171 216 260 304	181 176 220 264 308	136 180 224 269 313	140 185 229 273 817	145 189 283 277 822	149 193 238 282 326	154 198 242 286 330	158 202 247 291 335	162 207 251 295 339	5 4 4 5 5	1 2 3 4 5	0 1 1 2 2 2 3 8
5 6 7 8 9		844 888 432 476 520	848 892 486 480 524	352 396 441 484 528	367 401 446 489 533	861 405 449 498 537	866 410 454 498 542	870 414 458 502 546	374 419 403 506 550	379 423 467 511 555	383 427 471 515 559	5 5 5 5	6 7 8 9	3 8 4
990 1 2 3 4		564 607 651 695 789	568 612 656 699 743	572 616 660 704 747	577 621 664 708 752	581 625 669 712 756	585 629 673 717 760	590 684 677 721 765	594 688 682 726 769	599 642 686 780 774	603 647 691 734 778	4 4 5 4		
5 6 7 8 9		782 826 870 913 957	787 830 874 917 961	791 835 878 922 965	795 839 883 926 970	800 843 887 930 974	804 848 891 985 978	808 852 896 939 983	813 856 900 944 987	817 861 904 948 991	822 865 909 952 996	4 5 4 5 4		
1000	-00	000	004	009	013	017	022	026	030	035	039	4		

## COLOGS OF NUMBERS

FROM

1 to 40,000

TO

## FIVE DECIMAL PLACES.

1 - 99

No.	Log.	No.	Log.	No.	Log.	No.	Log.	No.	Log.
0	4-00		69897	40	2-89794	60	2.22185	80	2.09691
1	0.00000		-67778	41	2.38722	61	2.21467	81	2.09151
2	1.69897		05758	42	2.37675	62	2.20761	82	2.08619
8	1.52288		·68837	48	2.86653	63	2.20066	83	2.08092
4	1.39794	24 2	01979	44	$2 \cdot 35655$	64	2.19382	84	2.07572
5	1.30103	25 2	60206	45	2.84679	65	2∙18709	85	<b>2</b> ·07058
6	1.22185		60383	46	2.33724	66	2.18046	86	2.06550
7	1.15490		56864	47	2.32790	67	2.17393	87	2.06048
l is	1.09891		55284	48	2.31876	68	2.16749	88	2.05552
9	1.04578		58760	49	2.80980	69	2.16115	89	2.05061
10	T-00000	30 2	.52288	50	2.30103	70	2.15490	90	2.04576
lii	2.95861		-50864	51	2.29243	71	2.14874	91	2.04096
12	2.92082		49485	52	2.28400	72	2.14267	92	2.03621
13	2.88606		48149	58	2.27572	73	2.13668	98.	2.03152
14	2.85387		46852	54	2.26761	74	2.13077	94	2.02687
15	2-82391	35 2	1.45593	55	2.25964	75	Ž·12494	95	<b>2</b> ⋅02228
16	2.79588		44370	56	2.25181	76	2.11919	96	2.01773
17	2.76955		43180	57	2.24413	77	2.11851	97	2.01823
18	2.74478		42022	58	2.23657	78	2.10791	98	2.00877
19	2.72125		-40894	59	2.22915	79	2.10287	99	2.00436
						1		1	

No.	A PROPERTY OF	0	1	2	3	4	5	6	7	8	9	D.	P.P.
			-4000	<b>ታ</b> ሰብፕ	*987	*083	*978	*974	+970	4965	+961	-1	
1000	.00	000	952	948	944	939	935	931	926	0.55	918	5	
1	.99	$\begin{array}{c} 957 \\ 913 \end{array}$	909	905	900	896	892	887	883	879	874	4	i
2 3		870	866	861	857	853	848	844	840	835	831	4	
4		827	822	818	814	809	805	801	796	792	788	5	
5		783	779	775	770	766	762	757	753	749	745	53 4	
6		740	736	732	727	723	719	711	710 667	706 663	701 658	*	
7		697	693	688	684	680	$\begin{array}{c} 675 \\ 632 \end{array}$	674 628	624	619	615	1	
8 9		654 611	650 607	645 602	$\begin{array}{c} 641 \\ 698 \end{array}$	$\begin{array}{c} 637 \\ 594 \end{array}$	589	585	581	576	572	4	
ນ						F F 7	546	542	ьяя	533	529	4	
1010		568	564	559	555 512	551 508	503	499	493	491	456	4	
1	ł	525	521	$\frac{516}{473}$	469	465	460	456	452	418	443	4	
2	ļ	$\frac{482}{489}$	$\frac{478}{435}$	430	426	422	418	413	409	405	400	4	
3 4		396	392	388	383	379	375	371	366	363	358	5	
		353	349	345	341	336	332	328	323	319	315	4	
5 <b>6</b>	1	311	306	302	298	294	289	285	25.1	276	** 1 **	4	
7		268	264	259	255	251	247	242	223	234	200	4	
8	}	225	221	217	212	208	204	200	111.5	191	187	4	
9		183	178	174	170	166	161	157	123	148	144	4	
1020		140	136	131	127	123	119	114	110	106	102	- 5	1
1020		097	093	089	085	080	076	072	His	(Hi3	10)69	4	
2		055		046	0.42	038	034	023	025	021	017	ð	
3		01.2		004		*995	4:11:1		*953			4	
4	.98	970	966	962	957	953	949	045	840	ppi	Bith	1	1
5		928		919	915	911	906	902	NUN	HUI	NSU	1	
6		885		877	878	868	864	RGO	856 813	861 800	847 805	4	ļ
7	Į.	848		834	830	826	#22 780	775	771	767	7113	ñ	ĺ
8 9		$\frac{801}{758}$		792 750	788 746	784 742	737	733	789	4 7	720	4	
				P A O	704	699	888	691	657	ns3	11731	4	
1030		716 674		708 066	661	657	653	049	645	640		4	]
1 2	1	632			619	615	611	607	603	Sites		4	
3	1	590		582	677	573	569	565	Litil	1604	ត្តកក្ន	4	1
4		548		540	635	581	527	693	619	514	510	4	
5		5 <b>0</b> 6	502	408	493	489	485	481	477	175		4	5
6		464		450		447	4 4 3	439	4.35	131	126	4	
7	1	422	418	414	410	403	401	897	Reg	집원단		4	
8		380		372	808	364	359	855	351	347	11 4 .1	- ā	1
9		338	884	830	326	822	314	313	Hun	issi	1144 \$	4	
1040		297		288	284	280	276		267	243		4	1
1	1	255				238 197	254 192		226 184	######################################		4	1
$\frac{2}{3}$	-	$\frac{218}{172}$		205 168	201 159	155	151	147	142	134		, 4	7
4		130			117	113	109		101	097	093	à	1
5		088	084	080	076	072	068	063	059	นลล	oal	1	1
6	1	047				080	026		018	tr 1 4	\$4K15F	4	5
7		005		*997	*993	<b>*989</b>	*985	+980	+976			4	
8	.97	964				947	943		933	931		A	
9		922	918	914	910	806	902	RDR	нуп	e de la constanta	74.24 Es	1	
1050		881	. 87 <b>7</b>	873	869	865	860	RAG	852	RAR	R44	4	

Ńо.	0	1.	2	3	4	5	6	7	8	9	D.	P.P.
1050	·97 88		873 831	869 827	865 823	860 819	856 815	852 811	848 807	844 803	4 5	
2	798		790	786	782	778	774	770	765	761	4	
3	75' 71		$749 \\ 708$	$\begin{array}{c} 745 \\ 704 \end{array}$	$\begin{array}{c} 741 \\ 699 \end{array}$	$\frac{737}{695}$	$\begin{array}{c} 732 \\ 691 \end{array}$	728	724	720	4	
4								687	683	679	4	
5 6	673 634		$\begin{array}{c} 667 \\ 625 \end{array}$	662 621	$\frac{658}{617}$	$\begin{array}{c} 654 \\ 613 \end{array}$	$\begin{array}{c} 650 \\ 609 \end{array}$	$\begin{array}{c} 646 \\ 605 \end{array}$	$\begin{array}{c} 642 \\ 601 \end{array}$	$\begin{array}{c} 638 \\ 597 \end{array}$	4	
7	593		584	084	576	572	568	564	560	556	5	
8	55		543	539	535	531	527	523	519	515	5	
9	510	506	502	498	494	490	486	482	478	474	5	
1060	469		461	457	453	449	445	441	437	433	5	
1	423		420	416	412	408	404	400	396	392	4	
2 3	388 341		$\frac{379}{339}$	$\frac{375}{334}$	$\frac{371}{330}$	$\begin{array}{c} 367 \\ 326 \end{array}$	$\begin{array}{c} 363 \\ 322 \end{array}$	$\frac{359}{318}$	$\begin{array}{c} 355 \\ 314 \end{array}$	$\begin{array}{c} 351 \\ 310 \end{array}$	4 4	
4	300		298	294	290	285	281	277	273	269	4	
5	26		257	253	249	245	241	237	232	228	4	
6	22.	1 220	216	212	208	204	200	196	192	188	4	
7 8	18- 14:		$\frac{175}{135}$	$\frac{171}{131}$	$\frac{167}{127}$	$\begin{array}{c} 163 \\ 123 \end{array}$	$\frac{159}{118}$	$\frac{155}{114}$	151 110	$\frac{147}{106}$	4	
ő	10:		094	090	086	082	078	074	070	066	4	
1070	06		054	049	045	041	037	033	029	025	4	
1	02 -96 98		013 972	968	005 964	960	*997 956	*993 952	*989 948	*085 944	4	
2 3	940		932	928	924	920	916	912	908	904	4	
4	90		891	887	883	879	875	871	867	863	4	
5	85		851	847	848	839	835	831	827	823	4	
6 7	811 77	9 815 8 774	$\frac{811}{770}$	807 766	803 762	799 758	$\begin{array}{c} 795 \\ 754 \end{array}$	791 750	$786 \\ 746$	$\begin{array}{c} 782 \\ 742 \end{array}$	4	
8	73		730	726	722	718	714	710	706	702	4	
ÿ	69		690	686	682	678	674	670	666	662	4	
1080	65:		650	646	642	688	634	629	625	621	4	
1	61'		609	605	100	597	593 553	589	585	581	4	
2 3	57°		569 529	608 8 <b>2</b> 5	581 521	557 517	513	549 509	545 505	541 501	4	
4	49		489	486	481	477	478	469	465	401	4	ļ
5	45	7 453	449	445	441	437	433	429	425	421	4	
6	41 37	7 413 7 373	409 869	405 365	401 361	397 357	393 353	$\frac{389}{349}$	385 345	381 341	4	
8	33	7 333	329	325	821	817	313	309	305	301	4	
9	29	7 203	289	285	281	277	273	269	265	261	4	
1090	25		249	245	241	237	283	229	225	222	4	
1	21 17	H 214 H 174	210 170	206 166	202 162	198 158	194 154	190 150	$\frac{180}{140}$	$\frac{182}{142}$	4	
2 3	13		130	126	122	118	114	110	106	102	4	
4	00		000	086	082	078	074	070	067	063	4	
5	05		051	047	043	089	035	031	027	023	4	
6	.05 07		011	007	008 964	*999 960	*995 956	*991 952	*987 948	*983 944	4	
7 8	95 97		971 932	967 928	924	920	916	912	908	904	4	
9	90		H02	888	884	880	877	873	869	865	4	
1100	86	1 857	858	849	845	841	887	888	829	825	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
	0.5	001	857	85 <b>3</b>	849	845	841	837	833	829	825	4	
1100 1	.95	821	817	813	809	805	802	798	794	790	786	, 4	
2		782	778	774	770	766	762	758	754	750	$\begin{array}{c} 746 \\ 707 \end{array}$	4	
3		742	739	735	731	727	723 683	$\frac{719}{679}$	$\begin{array}{c} 715 \\ 676 \end{array}$	$\frac{711}{672}$	668	4	
4		703	699	695	691	687							
5		664	660	656	652	648	644	640 601	636 597	632 593	628 589	4	
6		624	621	617	613 573	609 570	605 566	562	558	554	550	4	
7		$\begin{array}{c} 585 \\ 546 \end{array}$	$\begin{array}{c} 581 \\ 542 \end{array}$	577 538	534	530	526	523	519	515	511	4	
8 9		507	503	499	495	491	487	483	479	476	472	-1	
1110		468	464	460	456	452	448	444	440	436	433	4	
1		429	425	421	417	413	409 870	405 366	401 362	$\frac{397}{358}$	393 354	3	
2		390	386	382	$\frac{378}{339}$	374 335	331	327	323	319	815	1	
3 4		$\begin{array}{c} 350 \\ 311 \end{array}$	$\begin{array}{c} 347 \\ 308 \end{array}$	$\frac{343}{304}$	300	296	202	288	284	280	276	3	
5		273	269	265	261	257	253	249	245	241	237	3	
6		234	230	226	222	218	214	210	206	202	199	4	
7		195	191	187	1.83	179	175 136	171 133	167 129	164 125	160 121	1	ĺ
8 9		156 117	$\begin{array}{c} 152 \\ 113 \end{array}$	$\frac{148}{109}$	$\frac{144}{105}$	$\frac{140}{101}$	098	094	090	086	082	i	
1120		078	074	070	067	068	059	055	051	047	043	4	
1120		039	036	032	028	024	020	016	012	008	005	4	
2					*989	*985	*881		*974		*966	4	
3 4	.94	$\frac{962}{923}$	$958 \\ 920$	$\begin{array}{c} 954 \\ 916 \end{array}$	$\frac{950}{912}$	947 908	948 904	939	935 896	931 892	927 889	4	
5		885	881	877	873	869	865	862	858	N54	850	4	
6		846	842	888	835	881	827	823	H [ 11	NIS	HII	3	
7		808	804	800	796	792	788 750	784 746	781 742	777 738	773 734	3	
8 9		769 731	765 72 <b>7</b>	$\begin{array}{c} 761 \\ 723 \end{array}$	758 719	$754 \\ 715$	711	708	704	700	896	4	
1180		692	688	684	681	677	678	669	665	861	058	4	
1 1		654	650	646	642	638	685	681	627	623	619	4	
2		615	612	608	604	600 562	08ã 8ãã	592 554	684 684	240 282	543 543	4	
$\begin{bmatrix} 3 \\ 4 \end{bmatrix}$		577 539	573 535	569 531	566 5 <b>27</b>	528	520	516	512	SON	504	, 4	
5		500	497	498	480	485	481	477	474	470	466	4	
6		462	458	455	451	447	448	439	435	432	428	4	
7		424	420	416	412	409	405	401	397	393	300	: 4	
8 9		386 348	382 344	378 840	374 336	$\begin{array}{c} 871 \\ 382 \end{array}$	367 <b>32</b> 9	303 325	369 321	355 317	361 313	8	
1140		310	806	302	298	294	290	287	283	279	275	4	
1		271	268	264	260	256	252	249	245	241	237		
2		288	280	226	222	218	214	211	207	202	100	1 *	1
3 4		195 157	$\begin{array}{c} 192 \\ 154 \end{array}$	188 150	184 146	180 142	176 138	173 185	169 131	165 127	101 123	4	
5		119	116	112	108	104	100	097	093	089	085	Э	
6		082	078	074	070	066	063	059	055	051	047	3	1
7		044	040	086	082	029	025	021	017	013	010	4	1
8	00	006			*994			*983	+979		+972	4	
9	•ยช	968	964	960	957	953	949	945	942	HED	934	4	
1150		980	926	923	919	915	911	908	904	900	896	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1150	·93 9		926	923	919	915	911	908	904	900	896	4	V
1		92	889	885	881	877	874	870	866	862	859	4	
2		$\frac{55}{17}$	$\frac{851}{818}$	847 810	$843 \\ 806$	$\begin{array}{c} 840 \\ 802 \end{array}$	$\frac{836}{798}$	$\begin{array}{c} 832 \\ 794 \end{array}$	$\begin{array}{c} 828 \\ 791 \end{array}$	825	821	4	
3 4		79	776	772	768	764	761	757	753	$\begin{array}{c} 787 \\ 749 \end{array}$	$\begin{array}{c} 783 \\ 746 \end{array}$	4	
5		42	738	734	$\frac{731}{693}$	727	723	719	715	712	708	4	
6 7		$\frac{04}{67}$	$\begin{array}{c} 700 \\ 663 \end{array}$	$\begin{array}{c} 697 \\ 659 \end{array}$	655	$\begin{array}{c} 689 \\ 652 \end{array}$	$\begin{array}{c} 685 \\ 648 \end{array}$	$\begin{array}{c} 682 \\ 644 \end{array}$	$\begin{array}{c} 678 \\ 640 \end{array}$	$\begin{array}{c} 674 \\ 637 \end{array}$	$\begin{array}{c} 670 \\ 633 \end{array}$	3 4	
8		20	625	622	618	61.4	610	607	603	599	595	3	
9	5	92	588	584	084	577	573	569	565	562	558	4	
1160	rs a	54	550	547	543	539	535	532	528	524	521	4	
1		17	513	509	506	502	498	494	491	487	483	4	
2		79	476	472	468	464	461	457	453	449	446	4	
8 4		42 05	438 401	$\frac{435}{397}$	$\frac{431}{394}$	$\begin{array}{c} 427 \\ 390 \end{array}$	$\frac{423}{386}$	$\frac{420}{382}$	$\frac{416}{379}$	$\frac{412}{375}$	$\frac{408}{371}$	3 4	
5		67	864	360	356	352	349	345	341	338	334	4	
6	3	30	826	323	819	315	312	308	304	800	297	4	
7 8		193 156	289 252	285 248	282 245	$\frac{278}{241}$	$\frac{274}{237}$	$\frac{271}{233}$	$\frac{267}{230}$	$\frac{263}{226}$	$\begin{array}{c} 259 \\ 222 \end{array}$	3	
9	2	19	215	211	207	204	200	196	193	189	185	4	
1170		81	178	174	170	167	163	159	155	152	148	4	
1		44	$\frac{141}{104}$	137 100	$\begin{array}{c} 188 \\ 096 \end{array}$	$\begin{array}{c} 129 \\ 092 \end{array}$	126 089	$\begin{array}{c} 122 \\ 085 \end{array}$	$\begin{array}{c} 118 \\ 081 \end{array}$	$\frac{115}{078}$	111	4	
2 3		70	066	063	059	055	052	048	044	041	$\begin{array}{c} 074 \\ 037 \end{array}$	4	
4		33	029	026	022	018	015	011	007	004	000	4	
5	.92 9		993	989	985	981	978 941	$\frac{974}{937}$	970	967	963	4	
6 7		159 122	956 919	952 915	948 911	944 908	904	900	$\begin{array}{c} 983 \\ 897 \end{array}$	$\frac{930}{893}$	926 889	4	]
8		185	882	878	874	871	867	863	860	856	852	3	
9	н	149	845	841	838	834	830	827	823	819	815	3	{
1180		112	808	804	801	797	793	790	786	782	779	4	
1		775 738	771 735	768 731	$\begin{array}{c} 764 \\ 727 \end{array}$	$\begin{array}{c} 760 \\ 724 \end{array}$	$\begin{array}{c} 757 \\ 720 \end{array}$	$753 \\ 716$	749 718	746 709	742 705	3	
2 3		702	698	694	691	687	688	080	676	672	668	3	
4		105	661	657	654	650	646	643	639	635	632	4	}
5		128	625	621	617	614	610	600	603	599	595	3	
6 7		192 155	588 551	584 548	581 544	577 540	573 537	570 533	566 529	562 526	$\frac{559}{522}$	4	1
8		518	515	511	507	504	000	496	498	489	485	3	1
9		182	478	475	471	467	464	460	450	453	449	4	
1190	4	145	442	488	484	481	427	428	420 383	416	$\frac{412}{376}$		
1 2		109 372	405 369	402 365	898 861	394 358	391 354	387 351	347	380 343	340	4	
รื		386	332	329	825	321	318	814	310	307	303	3	
4		800	296	292	289	285	281	278	274	270	267	4	
5		263	260	256	252	249	245	241	238	234	231	4	
6 7		227 191	223 187	220 183	216 180	212 176	209 172	205 169	201 165	$\frac{198}{162}$	194 158	3 4	
8		154	151	147	143	140	186	133	129	125	122	4	
9		iis	114	iii	107	104	100	096	093	089	085	8	}
1200		082	078	075	071	067	064	060	057	058	049	8	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1200 1 2 3 4	.91 9	$\frac{46}{10}$	078 042 006 970 934	075 038 002 966 930	071 035 *999 963 927	067 031 *995 959 923	064 028 *991 955 919	060 024 *988 952 916	057 020 *984 948 912	053 017 *981 945 909	049 013 *977 941 905	3 3 4 4 4	
5 6 7 8 9	8 8 7	01 65 29 93	898 862 826 790 754	894 858 822 786 750	890 854 818 783 747	887 851 815 779 743	883 847 811 775 739	880 844 808 772 736	876 840 804 768 732	872 836 800 765 729	869 833 797 761 725	4 4 4 4 4	
1210 1 2 3 4	6 6 6	21 86 50 14 78	718 682 646 610 575	714 678 643 607 571	711 675 639 603 567	707 671 635 600 564	704 668 632 596 560	700 664 628 592 557	696 660 625 589 553	693 657 621 585 550	689 653 618 582 546	3 3 4 4 4	
5 6 7 8 9	5 4 4	42 07 71 35	539 503 467 432 396	535 500 464 428 393	532 496 460 425 389	528 492 457 421 385	525 489 453 417 382	521 485 450 414 378	517 482 446 410 375	514 478 442 407 371	510 475 439 403 368	3 4 4 3 4	
1220 1 2 3 4	3 2 2	64 28 293 257 222	360 325 289 254 218	357 321 286 250 215	353 318 282 247 211	350 314 279 243 208	346 311 275 240 204	343 307 272 236 201	339 304 268 233 197	336 300 264 229 193	332 296 261 225 190	4 3 4 3 4	
5 6 7 8 9	1 1 0	.86 151 116 180 145	183 147 112 077 041	179 144 108 073 038	176 140 105 070 034	172 137 101 066 031	169 133 098 062 027	165 130 094 059 024	162 126 091 055 020	158 123 087 052 017	154 119 084 048 013	3 4 3 4	
1230 1 2 3 4	·90 9	009 074 039 004 368	006 971 935 900 865	002 967 932 897 861	*999 964 928 893 858	*995 960 925 890 854	*992 957 921 886 851	*988 953 918 883 847	*985 950 914 879 844	*981 946 911 876 840	*978 942 907 872 837	4 3 4 4	
5 6 7 8 9	7 7 7	333 '98 '63 '28	830 795 760 724 689	826 791 756 721 686	823 788 752 717 682	819 784 749 714 679	816 781 745 710 675	812 777 742 707 672	809 774 738 703 668	805 770 735 700 665	802 767 731 696 661	4 4 3 3 3	
1240 1 2 3 4	6   5	558 523 588 553 518	654 619 584 549 514	651 616 581 546 511	647 612 577 542 507	644 609 574 539 504	640 605 570 535 501	602 567 532	633 598 563 528 494	630 595 560 525 490	626 591 556 521 487	3 3 3 4	
5 6 7 8 9	4	483 448 413 379 344	480 445 410 375 340	476 441 406 372 337	473 438 403 368 333	469 434 399 365 330	466 431 396 361 326	427 392 358	459 424 389 354 319	386	452 417 382 347 312	4 4 3 3 3	
1250		309	306	302	299	295	292	288	285	281	278	4	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1250	.90	300	306	302	299	295	292	288	285	281	278	4	
1		$\frac{274}{240}$	271	$\begin{array}{c} 267 \\ 233 \end{array}$	264 229	260	257	253	250	247	243	3	
2 3		$\frac{240}{205}$	$\begin{array}{c} 236 \\ 201 \end{array}$	198	194	$\begin{array}{c} 226 \\ 191 \end{array}$	$\frac{222}{188}$	$\frac{219}{184}$	$\frac{215}{181}$	$\frac{212}{177}$	$\frac{208}{174}$	3 4	
ă l		170	167	163	160	156	153	149	146	143	139	3	
5		136	132	129	125	122	118	115	111	108	104	3	
6		101	098	094	091	087	084	080	077	073	070	4	
7 8		$066 \\ 032$	$\frac{063}{028}$	$\begin{array}{c} 060 \\ 025 \end{array}$	$\begin{array}{c} 056 \\ 022 \end{array}$	$\begin{array}{c} 630 \\ 018 \end{array}$	$049 \\ 015$	$046 \\ 011$	042 008	$\begin{array}{c} 039 \\ 004 \end{array}$	085 001	3 4	
9	-89	997	994	991	987	984	980	977	973	970	966	3	
1260		963	959	956	953	949	946	942	939	935	932	4	
1		928	925	922	918	915	911	908	904	901	898	4	
2 3		$894 \\ 860$	891 856	88 <b>7</b> 853	884 849	$\begin{array}{c} 880 \\ 846 \end{array}$	$\begin{array}{c} 877 \\ 842 \end{array}$	$\begin{array}{c} 873 \\ 839 \end{array}$	$870 \\ 836$	$\begin{array}{c} 867 \\ 832 \end{array}$	$\frac{863}{829}$	3 4	
4		825	822	818	815	812	808	805	801	798	794	3	
5		791	788	784	781	777	774	770	767	763	760	3	
6		757	753	750	746	743	739	736	733	729	726	4	
7 8		$\begin{array}{c} 722 \\ 688 \end{array}$	$\begin{array}{c} 719 \\ 685 \end{array}$	$\begin{array}{c} 715 \\ 681 \end{array}$	$\frac{712}{678}$	$\begin{array}{c} 709 \\ 674 \end{array}$	$\begin{array}{c} 705 \\ 671 \end{array}$	$\begin{array}{c} 702 \\ 668 \end{array}$	$\begin{array}{c} 698 \\ 664 \end{array}$	$\begin{array}{c} 695 \\ 661 \end{array}$	691 657	3 3	
ÿ		654	650	647	644	640	637	633	630	626	623	3	
1270		620	616	618	609	606	603	599	596	592	580	4	
1		888	582	579	575	572	568	565	562	558	555	4	
2 3		551 517	548 514	544 510	541 507	588 504	534 500	531 49 <b>7</b>	$\begin{array}{c} 527 \\ 493 \end{array}$	524 490	$\begin{array}{c} 521 \\ 486 \end{array}$	3	
4		483	480	476	478	469	466	463	459	456	452	3	
5		449	446	442	439	485	432	429	425	422	418	3	
6		415	412	408	405	401	898	895	391	388	384	8	
7 8		$\frac{381}{347}$	$\frac{378}{344}$	$\begin{array}{c} 374 \\ 340 \end{array}$	$\frac{371}{337}$	$\frac{367}{333}$	364 330	$\frac{361}{327}$	$\begin{array}{r} 357 \\ 323 \end{array}$	354 320	350 316	3	
9		313	310	306	303	299	296	293	289	286	282	3	
1280		279	276	272	269	265	262	259	255	252	248	3	
1 2	1	$\frac{245}{211}$	242 208	238 204	235 201	28 <b>2</b> 198	228 194	225 191	$\frac{221}{187}$	218 184	215 181	4	
8	}	177	174	171	167	164	160	157	154	150	147	4	
4		143	140	137	133	130	127	123	120	116	118	8	
5		110	106	103	100	098	098	089	086	088	079	3	
6 7	]	$070 \\ 042$	0 <b>7</b> 8 089	069 085	$060 \\ 032$	062 029	059 025	056 022	052 019	049 015	$046 \\ 012$	4	
8		008	005		#888		*992	880*	*985	*981	*978	3	
9	-88	975	971	968	965	961	958	954	951	948	944	3	
1290		941	988	934	931	928	924	921	917	914		4	
. 1		907 874	904 870			894 860	891 85 <b>7</b>	887 854	884 850	880 847	877 844	3	
3	1	840	837	867 888	864 880	827	823	820	817	813	810	3	1
1 4		807	808	800	797	798	790	786	783	780	776	8	
5		778	770	706	768	760	756	753	750	746	743	4	
6 7		789 706	736 703	783 699	729 696	726 698	723 689	719 686	716 688	713 679	709 676	3	
8		678	669	666	662	659	656	652	649	646	642	3	
ğ		639	686	682	629	626	622	619	616	612	609	3	
1800		606	602	509	596	592	589	586	582	579	576	4	

COLOGS	CO	L	0	GS	ò
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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1300 1 2 3 4	-88	606 572 539 506 472	602 569 536 502 469	599 566 532 499 466	596 562 529 496 462	592 559 526 492 459	589 556 522 489 456	586 552 519 486 452	582 549 516 482 449	579 546 512 479 446	576 542 509 476 442	4 3 4 3	
5 6 7 8 9		439 406 372 339 306	436 402 369 336 303	432 399 366 333 299	429 396 362 329 296	426 392 359 326 293	422 389 356 323 289	419 386 353 319 286	416 382 349 316 283	412 379 346 313 280	409 376 343 309 276	3 4 4 3 3	
1310 1 2 3 4		273 240 207 174 140	270 236 203 170 137	266 233 200 167 134	263 230 197 164 131	260 226 193 160 127	256 223 190 157 124	253 220 187 154 121	250 217 183 150 117	246 213 180 147 114	243 210 177 144 111	3 3 4 4	
5 6 7 8 9	.87	107 074 041 008 976	104 071 038 005 972	101 068 035 002 969	098 065 032 *999 966	094 061 028 *995 962	091 058 025 *992 959	088 055 022 *989 956	084 051 018 *985 952	081 048 015 *982 949	078 045 012 *979 946	4 4 4 3 3	
1320 1 2 3 4		943 910 877 844 811	939 906 874 841 808	936 903 870 837 805	933 900 867 834 801	929 897 864 831 798	926 893 860 828 795	923 890 857 824 792	920 887 854 821 788	916 883 851 818 785	913 880 847 814 782	3 3 3 4	
5 6 7 8 9		778 746 713 680 648	775 742 710 677 644	772 739 706 674 641	769 736 703 670 638	765 733 700 667 634	762 729 697 664 631	759 726 693 661 628	755 723 690 657 625	752 719 687 654 621	749 716 683 651 618	3 3 3 3	
1330 1 2 3 4		615 582 550 517 484	612 579 546 514 481	608 576 543 510 478	605 572 540 507 475	602 569 537 504 471	599 566 533 501 468	595 563 530 497 465	592 559 527 494 462	589 556 524 491 458	585 553 520 488 455	3 3 4 3	
5 6 7 8 9		452 419 387 354 322	449 416 384 351 319	445 413 380 348 315	442 410 377 345 312	439 406 374 341 309	436 403 371 338 306	432 400 367 335 302	429 397 364 332 299	426 393 361 328 296	423 390 358 325 293	4 3 4 3 3	
1340 1 2 3 4		290 257 225 192 160	286 254 222 189 157	283 251 218 186 154	280 247 215 183 150	179	273 241 209 176 144	270 238 205 173 141	267 234 202 170 137		228 196 163	3 3 4 3 3	
5 6 7 8 9	.86	128 095 063 031 3 999	125 092 060 028 996	121 089 057 025 992	118 086 054 021 989	083 050 018	112 079 047 015 983	$076 \\ 044 \\ 012$	041 008	070 037 005	066 034 002	4 3 3 3 3	
1350		967	963	960	957		951	947	944			4	

No.		0	1.	2	3	4	5	6	7	8	9	D.	P.P.
1350	-86	967	963	960	957	954	951	947	944	941	938	4	
1		934	931	928	$\begin{array}{c} 925 \\ 893 \end{array}$	922	918	915	912	909	906	4	
2 3		902 870	899 867	89 <b>6</b> 864	861	889 857	$886 \\ 854$	883 851	880 848	877 845	$\begin{array}{c} 873 \\ 841 \end{array}$	3 3	
4		838	835	882	829	825	822	819	816	812	809	3	!
5		806	803	800	796	$798 \\ 761$	790	787	784	780	777	3	
(i 7		774 $742$	$\begin{array}{c} 771 \\ 739 \end{array}$	$\begin{array}{c} 768 \\ 786 \end{array}$	$\begin{array}{c} 764 \\ 732 \end{array}$	729	$\begin{array}{c} \textbf{758} \\ \textbf{726} \end{array}$	$755 \\ 723$	$752 \\ 720$	$748 \\ 716$	$\begin{array}{c} 745 \\ 713 \end{array}$	3 3	
8		710	707	704	700	697	694	691	688	684	681	3	
ρ		678	675	672	668	665	662	659	656	652	649	3	
1360		646	643	640	687	688	630	627	624	621	617	3	
$egin{array}{c} 1 \\ 2 \end{array}$		$\begin{array}{c} 614 \\ 582 \end{array}$	$\frac{611}{579}$	608 576	605 573	601 570	566 566	595 563	592 560	589 557	585 554	3 4	
3		550	547	544	541	538	534	531	528	525	522	3	
4		519	515	512	500	506	503	499	496	493	490	3	
5		487	484	480	477	474	471	468	464	461	458	3	
6 7		455 423	$\frac{452}{420}$	$\frac{449}{417}$	445	$\frac{442}{410}$	$\frac{439}{407}$	$\frac{436}{404}$	$\begin{array}{c} 433 \\ 401 \end{array}$	$\frac{430}{398}$	$\frac{426}{395}$	3 4	
8		891	388	385	382	379	376	372	369	366	363	3	
Ð		360	356	353	350	347	344	341	337	334	331	3	
1370		328	825	322	318	315	312	309	306	308	299	3	
1 2		296 265	293 261	290 258	287 265	$\begin{array}{c} 284 \\ 252 \end{array}$	$\frac{280}{249}$	$\begin{array}{c} 277 \\ 246 \end{array}$	$\begin{array}{c} 274 \\ 242 \end{array}$	$\frac{271}{239}$	$\frac{268}{236}$	3 3	
3		283	280	227	223	220	217	214	211	208	204	3	
4		201	198	195	192	189	1.86	182	179	176	173	3	
5		170	167	163	160	157	154	151	148	144	141	8	
6		188	$\frac{135}{103}$	132	$\frac{129}{097}$	126 094	122 091	$\begin{array}{c} 119 \\ 088 \end{array}$	116 085	118 081	$\begin{array}{c} 110 \\ 078 \end{array}$	8 3	
7 8		075	072	069	066	062	059	056	053	050	047	3	
9		044	040	037	034	031	028	025	022	018	015	3	
1380		012	000	006	003	000		*993		*987		3	
1 2	-85	981 949	$\begin{array}{c} 977 \\ 946 \end{array}$	$\frac{974}{943}$	$971 \\ 940$	$\frac{968}{987}$	965 933	962 930	$959 \\ 927$	955 924	$\frac{952}{921}$	3 3	
3		918	915	912	908	905	902	899	896	898	890	4	
4		886	888	880	877	874	871	808	864	861	858	8	
5		855	852	849	846	842	839	836	833	830	827	3	
6 7		824 702	821 789	817 786	814 783	811 780	808 777	805 774	802 770	799 767	795 764	3 3	!
8		761	758	755	752	749	745	742	739	736	783	3	
Ω		730	727	724	720	717	714	711	708	705	702	3	
1890		609	695	692	689	686	688	680	677	674	670	3	
1 2		686 686	664 683	661 680	658 627	655 624	652 620	617	$645 \\ 614$	$642 \\ 611$	689 608	3 3	
8		605	602	599	596	592	589	580	583	580	577	3	
4		574	571	567	564	561	844	555	552	549	546	3	
ŏ		548	539	536	533	530	527	524	521	518	515	4	
6 7		511 480	508 477	505 474	502 471	$\frac{499}{468}$	496 465	493 462	490 459	487 455	483 452	3	
8		449	446	448	440	437	484	481	428	424	421	3	
ĝ		418	415	412	409	406	403	400	397	398	390	3	
1400		887	884	381	378	375	372	369	365	362	859	3	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1400 1 2 3 4	·85 387 356 325 294 263	$\frac{322}{291}$	381 350 319 288 257	378 347 316 285 254	375 344 313 282 251	372 341 310 279 248	338 307 276	334 304 273	331 300 269	328 297 266	3 3 3 3 3	
5 6 7 8 9	232 201 171 140 109	229 198 168 137 106	226 195 164 134 103	223 192 161 130 100	220 189 158 127 097	217 186 155 124 093	183 152 121	180 149 118	$\frac{177}{146}$	$\begin{array}{c} 174 \\ 143 \end{array}$	3 3 3	
1410 1 2 3 4	078 047 017 •84 986 955	075 044 013 983 952	072 041 010 980 949	069 038 007 977 946	066 035 004 973 943	063 032 001 970 940	*998 *967	026 *995 964	053 023 *992 961 930	050 020 *989 958 927	3 3 3 3	
5 6 <b>7</b> 8 9	924 894 863 832 802	921 891, 860 829 799	918 888 857 826 796	915 884 854 823 793	912 881 851 820 790	909 878 848 817 786	875 845 814	872 842 811	900 869 839 808 777	897 866 835 805 774	3 3 3 3	
1420 1 2 3 4	771 741 710 680 649	768 738 707 676 646	765 734 704 673 643	762 731 701 670 640	759 728 698 667 637	756 725 695 664 634	722 692 661	719 689 658	747 716 686 655 625	744 713 683 652 622	3 3 3 3 3	
5 6 7 8 9	619 588 558 527 497	615 585 555 524 494	612 582 552 521 491	609 579 548 518 488	606 576 545 515 485	603 573 542 512 482	570 539 509	567 536 506	594 564 533 503 472	591 561 530 500 469	3 3 3 3 3	
1430 1 2 3 4	466 436 406 375 345	463 433 403 372 342	460 430 400 369 339	457 427 397 366 336	454 424 394 363 333	451 421 391 360 330	448 418 388 357 327	445 415 384 354 324	442 412 381 351 321	439 409 378 348 318	3 3 3 3 3	
5 6 <b>7</b> 8 9	315 285 254 224 194	312 282 251 221 191	309 279 248 218 188	306 275 245 215 185	303 272 242 212 182	300 269 239 209 179	297 266 236 206 176	294 263 233 203 173	291 260 230 200 170	288 257 227 197 167	3 3 3 3	
1440 1 2 3 4	164 134 103 073 043	161 131 100 070 040	158 128 097 067 037	155 125 094 064 034	152 122 091 061 031	149 119 088 058 028	146 116 085 055 025	143 113 082 052 022	140 109 079 049 019	137 106 076 046 016	3 3 3 3	
5 6 7 8 9	013 ·83 983 953 923 893	010 980 950 920 890	007 977 947 917 887	004 974 944 914 884	001 971 941 911 881	*998 968 938 908 878	*995 965 935 905 875	*992 962 932 902 872	*989 959 929 899 869	*986 956 926 896 866	3 3 3 3	
1450	863	860	857	854	851	848	845	842	839	836	8	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1450	-83		860	857	854	851	848	845	842	839	836	3	
$\frac{1}{2}$		833 803	830 800	827 707	$824 \\ 794$	$821 \\ 791$	81.8 788	815 785	$\frac{812}{782}$	809 779	806	3	
3		773	770	767	764	761	758	756	763	750	$\begin{array}{c} 776 \\ 747 \end{array}$	3 3	
4		744	741	738	735	732	729	726	723	720	717	3	
5 6		$\begin{array}{c} 714 \\ 684 \end{array}$	$\begin{array}{c} 711 \\ 681 \end{array}$	708 678	705 675	$\begin{array}{c} 702 \\ 672 \end{array}$	699 669	696 666	$\begin{array}{c} 693 \\ 663 \end{array}$	690 660	$\frac{687}{657}$	3	
7		654	651	648	645	642	689	636	633	630	627	3	
8 9		624 $594$	$\begin{array}{c} 621 \\ 501 \end{array}$	618 589	615 686	$\begin{array}{c} 612 \\ 583 \end{array}$	609 580	606 577	$\begin{array}{c} 603 \\ 574 \end{array}$	$\begin{array}{c} 600 \\ 571 \end{array}$	597 568	$\begin{bmatrix} 3 \\ 3 \end{bmatrix}$	
1460		565	562	559	556	553	550	547	544	541	538	3	
1 2		535 505	$532 \\ 502$	529 499	526 496	$\frac{528}{493}$	520 490	$\frac{517}{487}$	$\begin{array}{c} 514 \\ 484 \end{array}$	$\begin{array}{c} 511 \\ 482 \end{array}$	$\frac{508}{479}$	3	
3		476	178	470	467	464	461	458	455	452	449	3	
-4		446	443	4.10	437	434	431	428	425	422	419	3	
5 6		416 387	413 384	410 381	$\frac{407}{378}$	$\frac{404}{375}$	401 372	398 369	395 366	393 363	$\frac{390}{360}$	3	
7		357	354	351	848	345	342	339	336	333	330	3	
8		327	324	321	319	316	318	310	307	304	301	3	
9		298	295	292	289	286	283	280	277	274	271	3	
1470	ł	268 239	265 286	262 283	259 230	$\frac{256}{227}$	$\frac{258}{224}$	$\frac{251}{221}$	$\frac{248}{218}$	$\frac{245}{215}$	$\frac{242}{212}$	3	
1 2		200	206	203	200	197	194	192	189	186	188	3	
3		180	177	174	171	108	165	162	159	156	158	3	
4		150	147	144	141	188	186	133	130	127	124	3	
5	}	121	118	115	112	109	106	103	100	097	094	8	
7		$\begin{array}{c} 091 \\ 062 \end{array}$	880 059	680 056	083 083	080 080	$\begin{array}{c} 077 \\ 047 \end{array}$	$\begin{array}{c} 074 \\ 044 \end{array}$	$\begin{array}{c} 071 \\ 041 \end{array}$	$-068 \\ -088$	065 035	3 2	
Я		033	030	027	034	021	018	015	012	000	006	3	
9		008	000	*997	*994	*991	*989	*986	*983	*980	*977	3	
1480	.82	974	971	968	965	962	959	956	953	950	947	8	
1 2		944	942	989	986	988 903	980 901	92 <b>7</b> 898	924 895	921 892	918 889	3	
ã		886	883	880	877	874	871	808	865	862	860	3	
-4		857	HB4	851	848	845	842	889	886	888	880	8	
5		827	824	822	819	816	818	810	807	804	801	3	
6 7	1	798 709	795 700	792 763	789 760	786 787	784 754	$\frac{781}{751}$	778 748	775 746	$\begin{array}{c} 772 \\ 743 \end{array}$	3	
8		740	737	734	731	728	725	722	719	716	713	2	
9		711	70H	705	702	699	696	693	690	687	684	3	
1490		081	678	676	673	$670 \\ 641$	667 688	664 635	661 632	658 629	$\begin{array}{c} 655 \\ 626 \end{array}$	3	
1 2		623 623	649 620	646	$648 \\ 614$	611	609	606	608			3	
8		PB9	691	вня	BHB	582	579	577	574	571	568	3	!
4		565	562	559	556	558	550	548	545	542	539	8	
5 6		586 507	533 504	530 501	527 498	524 495	521 492	518 489	516 487	518 484	510 481	8	
7	7 478 475 472 469 466 463 460 458 455 452												
8	8 449 446 448 440 437 434 481 429 426 428 8												
	9 420 417 414 411 408 405 402 400 897 894 8												
1500		391	888	888	882	879	376	874	371	868	365	8	}
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1500	No.		0	1	2	3	4	5	6	7	8	9	1).	P.P.
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4	2		333	330	327	824	321	319	816	313	310	307	3	
6 218 215 212 209 206 208 200 197 194 192 3 7 180 186 183 180 177 174 171 169 166 163 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 181 128 125 122 120 117 114 111 108 105 3 2 045 042 039 036 053 050 059 056 053 051 048 3 3 016 013 010 007 005 002 4999 996 4992 3 4 -81 987 985 982 970 976 973 970 967 964 962 3 5 959 956 958 950 947 944 942 939 936 933 3 6 930 927 924 921 919 916 913 910 907 904 3 7 901 899 896 893 890 887 884 881 878 876 3 8 873 870 867 864 861 859 856 853 850 847 3 8 873 870 867 864 861 859 856 853 850 847 3 8 873 870 867 864 861 859 856 853 850 847 3 1 787 784 781 779 776 773 770 776 764 761 2 2 750 756 753 750 747 744 741 739 736 733 3 730 727 724 721 719 716 713 710 707 704 2 2 750 756 753 750 747 744 741 739 736 733 3 7 700 707 704 12 702 699 696 693 690 687 684 682 679 676 3 5 673 670 667 664 662 659 656 653 650 647 2 6 6 645 642 639 636 633 600 627 635 669 667 8 8 585 585 585 582 579 576 753 750 753 871 685 662 3 9 659 556 554 551 548 549 549 549 549 549 549 549 549 549 549	4													
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6 930 927 924 921 919 916 918 910 907 904 3 8 873 870 807 806 803 890 887 884 881 879 876 3 87 864 861 869 856 853 850 847 84 821 818 2 9 844 841 889 886 833 830 827 824 821 818 2 1520 816 813 810 807 804 801 799 796 793 790 3 1 787 784 781 779 776 773 770 707 764 761 2 2 759 756 753 750 747 744 741 739 736 733 3 730 727 724 721 719 716 713 710 707 704 2 4 702 699 696 693 690 687 684 682 679 676 3 6 646 642 639 636 633 630 627 625 622 619 3 6 6 646 642 639 636 633 630 627 625 622 619 3 6 6 646 642 639 636 605 602 599 696 593 690 687 684 682 659 659 566 564 551 648 545 549 537 534 3 1530 527 524 474 471 488 466 463 460 467 554 461 449 3 446 443 440 437 434 432 429 426 423 420 3 447 415 412 409 406 403 400 398 395 392 3 1540 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	-8:	1 987	980	982	979	976	973	970	967	964			
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4       702       699       696       693       690       687       684       682       679       676       3         5       673       670       667       664       662       650       665       662       699       696       692       619       3         6       645       642       639       636       633       630       627       625       622       619       3         7       616       613       610       608       605       602       599       596       503       591       3         8       585       585       582       579       576       573       571       668       565       562       3         9       559       556       554       551       548       545       543       589       587       584       3         1       502       500       497       494       491       488       485       483       480       477       3       446       443       440       487       434       482       429       426       423       420       3         4       417       415       412	3		730											
6 645 642 639 636 638 630 627 625 622 610 3 586 613 610 608 605 602 599 596 593 591 3 588 585 582 579 576 573 571 568 565 562 3 585 582 579 576 578 571 568 565 562 3 565 554 551 548 545 542 539 537 534 3 575 502 500 497 494 491 488 485 483 480 477 3 446 443 440 437 434 432 429 426 423 420 3 447 415 412 409 406 403 400 398 395 392 3 5 5 880 386 384 381 378 375 372 369 367 364 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4		702	699	696	693	690	687	084					1
7 616 613 610 608 605 602 509 596 503 501 3 588 585 582 579 570 578 571 568 565 562 3 502 500 497 494 491 488 485 483 480 477 3 474 471 468 466 468 460 457 454 451 449 3 417 415 412 409 406 408 400 398 395 392 8 56 386 384 381 378 375 374 384 381 383 327 324 321 318 316 315 310 307 3 3 384 303 327 324 321 318 316 315 310 307 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5													- 1
8       588       585       582       579       576       578       571       568       565       562       3         1530       531       528       525       522       520       517       514       511       508       505       3       3       3       3       474       471       468       466       468       460       467       454       451       449       3       446       443       440       487       484       482       429       426       423       420       3       417       415       412       409       406       403       400       398       395       392       3         5       389       386       384       381       378       375       372       369       367       364       3       861       358       355       352       350       347       344       341       338       330       327       334       321       318       316       313       310       307       3         804       302       290       296       293       290       287       284       281       238       286       284       228       228 </td <td>7</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>i</td>	7	1												i
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1       502       500       497       494       491       488       485       483       480       477       3         2       474       471       468       466       463       460       487       454       451       449       3         4       446       443       440       487       484       482       429       426       423       420       3         4       417       415       412       409       406       408       400       308       395       392       3         5       880       386       384       381       378       375       372       369       867       364       3         6       861       358       365       350       347       344       341       338       330       327       324       321       318       316       313       310       307       3         8       304       302       290       296       293       290       287       284       281       238       227       234       231       3         1540       248       245       242       239       237       234	-		559	556	554	551	548	545	542	689	637			
2       474 471 408 406 463 460 467 454 451 449 3 446 443 440 487 434 482 429 426 423 420 3 417 415 412 409 406 408 400 898 895 892 8         5       889 386 384 381 378 375 372 869 867 364 861 358 355 352 350 847 344 341 338 335 27 324 321 318 316 313 310 307 3 304 802 290 296 298 290 287 285 282 279 3 276 273 270 268 265 262 259 256 254 251 3         1540       248 245 242 289 237 234 281 298 225 228 3 163 161 158 155 152 149 147 144 141 138 3 163 161 158 155 152 149 147 144 141 138 3 163 161 158 155 152 149 147 144 141 138 3 163 161 158 155 152 149 147 144 141 138 3 163 161 158 155 152 149 147 144 141 138 3 165 161 168 168											БОН	605	::	ĺ
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4 417 415 412 409 406 408 400 808 895 892 8  5 889 386 884 881 878 875 872 869 867 864 8  6 861 358 855 862 850 847 344 841 838 835 2  7 838 830 327 324 321 318 316 313 310 307 3  8 804 802 290 296 298 290 287 285 282 279 3  9 276 273 270 268 265 262 259 256 254 251 3  1540 248 245 242 289 237 234 281 228 225 228 3  1 220 217 214 211 208 206 203 200 197 194 2  1 192 189 186 183 180 177 175 172 169 166 3  1 168 161 158 155 152 149 147 144 141 138 3  1 185 132 130 127 124 121 118 116 113 110 3  5 107 104 102 099 096 093 090 087 085 082 6  6 079 076 073 071 068 065 062 059 057 054 6  7 051 048 045 043 040 037 034 031 029 026 3  8 023 020 017 014 012 009 006 008 000 \$998 3  9 80 995 992 989 986 984 981 978 975 972 970 3	3	l												j
6       361       358       356       352       360       347       344       341       338       335       324       321       318       316       313       310       307       33         8       304       302       290       296       298       290       287       286       282       279       3         9       276       273       270       268       265       262       259       256       254       251       3         1540       248       245       242       289       237       234       281       228       225       25       254       251       3         1       220       217       214       211       208       206       203       200       197       194       2       192       198       186       183       180       177       175       172       169       166       3       163       161       158       155       152       149       147       144       141       138       3       149       147       144       141       138       3       149       147       144       141       138       3       149 <td>4</td> <td></td> <td>417</td> <td>415</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>	4		417	415										1
7       301       308       360       362       350       347       344       341       338       330       327       324       321       318       316       313       310       307       3         8       304       302       320       296       293       290       287       286       282       279       3         9       276       273       270       268       265       262       259       256       254       251       3         1540       248       245       242       239       237       234       281       228       225       223       3         1       220       217       214       211       208       206       203       200       197       194       2         2       192       189       186       188       180       177       175       172       169       164       3         3       163       161       158       155       152       149       147       144       141       138       3         4       135       132       130       127       124       121       118       116											867	364	3	
8   804   802   290   296   298   290   287   285   282   279   3   276   273   270   268   265   262   259   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   3   256   254   251   256   25													23	[
9       276       273       270       268       265       262       259       256       254       251       3         1540       248       245       242       239       237       234       281       228       225       228       231       228<	8	i												
1 220 217 214 211 208 206 203 200 197 194 2 192 189 186 183 180 177 175 172 169 166 3 163 161 158 155 152 149 147 144 141 138 3 135 132 130 127 124 121 118 116 113 110 3 1 10 1 10 1 10 1 10 1 10	9		276	273	270									1
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1550	-80	96 <b>7</b> 989	964 936	961 983	958 930	956 928	958 925	950 922	947	944	942	8	
$\begin{array}{c c} 1 \\ 2 \end{array}$		911	908	905	902	900	897	894	$\begin{array}{c} 919 \\ 891 \end{array}$	916 888	$\begin{array}{c} 914 \\ 886 \end{array}$	3 3	
8	1	888	880	877	874	872	869	866	863	860	858	3	
4		855	852	849	847	844	841	888	835	838	830	3	
5		827	824	821	819	816	813	810	807	805	802	3	
6		799 - 771	796 768	798 766	$\begin{array}{c} 791 \\ 763 \end{array}$	788 760	785 757	$\begin{array}{c} 782 \\ 754 \end{array}$	$\begin{array}{c} 780 \\ 752 \end{array}$	$\begin{array}{c} 777 \\ 749 \end{array}$	$\begin{array}{c} 774 \\ 746 \end{array}$	3 3	
7 8		748	740	788	785	732	729	727	724	721	718	3	
9	'	715	713	710	707	704	701	699	696	693	690	2	
1560		688	685	682	679	676	674	671	668	665	662	2	
1 1		660	657	654	651	649	646	643	640	687	685	3	
2 3		682 604	$\begin{array}{c} 629 \\ 601 \end{array}$	626 599	$\begin{array}{c} 624 \\ 596 \end{array}$	$\begin{array}{c} 621 \\ 593 \end{array}$	618 590	$\begin{array}{c} 615 \\ 587 \end{array}$	$\frac{612}{585}$	$\begin{array}{c} 610 \\ 582 \end{array}$	$\begin{array}{c} 607 \\ 579 \end{array}$	3 3	
Ä		676	574	571	800	565	562	560	557	554	188	2	
5		540	546	543	540	537	535	532	529	526	524	3	
6		521	518	515	513 485	510 482	$\frac{507}{479}$	$\frac{504}{476}$	501	499	496	3 3	
7 8		498 405	490 463	488 460	457	454	452	449	$\frac{474}{446}$	$\frac{471}{443}$	468 440	2	
9		438	435	482	429	427	424	421	418	416	413	3	
1570		410	407	405	402	399	396	393	391	388	385	3	
1 2		882 855	380 352	$\frac{377}{349}$	$\frac{374}{846}$	$\begin{array}{c} 871 \\ 844 \end{array}$	$\frac{869}{341}$	$\frac{366}{338}$	363 885	360 333	$\frac{358}{330}$	8 3	
3		327	324	822	319	816	313	311	308	805	802	2	
4		800	297	294	291	288	286	283	280	277	275	3	
5		272	269	266	264	261	258	255	258	250	247	3	
6 7		$\frac{244}{217}$	$\frac{242}{214}$	289 211	286 209	283 206	281 203	228 200	225 198	$\frac{222}{195}$	$\frac{220}{192}$	3 3	
8		189	187	184	181	178	170	173	170	167	165	3	
១		162	159	156	154	151	148	145	143	140	137	3	
1580		184	182	129	126	123	121	118	115	112	110	8	
1 2		$\begin{array}{c} 107 \\ 079 \end{array}$	104 077	101	099 071	096 068	098 <b>0</b> 66	090 063	088 080	085 057	082 055	3 3	
8		052	049	046	044	041	088	035	083	030	027	8	
4		034	032	019	016	014	011	008	005	003	000	8	
. B	.79		994	992	989	986	983	981	978	975	972	2	
G 7		970 942	$967 \\ 940$	964 987	961 984	959 981	956 929	953 926	$\begin{array}{c} 951 \\ 928 \end{array}$	948 920	945 918	3	
8		915	912	909	907	904	100	899	896	893	890	2	
ÿ		ннн	анв	882	879	877	874	871	868	866	868	3	
1590		860	858	855	852	849	847	844	841	888	886	3	
1		888 808	808 808	828 800	825 798	822 795	$819 \\ 792$	817 789	$814 \\ 787$	811 784	808 781	2 3	
2 3		778	776	778	770	768	765	762	759	757	754	3	
4		751	748	746	748	740	788	785	732	729	727	3	
В		724	721	718	716	718	710	708	705	702	699	2	
6 7		697 670	694 667	691 664	689 661	686 659	688 656	680 683	678 650	$\frac{675}{648}$	672 645	3	
8		642	640	687	684	681	629	626	628	621	618	8	
9		615	612	610	607	604	602	599	596	593	591	3	
1600		588	585	583	1580	577	574	572	569	566	564	3	

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No.	C	1	2	3	4	5	6	7	8	9	D.	P.P.
1600 1	·79 58	1 558	3 555	55 <b>3</b>	550	574 547	545	542	539	536	2	
2 3 4	53 50 48	7 504	501	499	523 496 469	520 493 466	490	488	485	482	2 2 3	
5 6 7 8 9	45 42 39 37 34	5 423 8 39 <i>6</i> 1 369	3 420 3 393 3 366	417 390	442 415 388 361 334	439 412 385 358 331	409 382 355	$\frac{407}{379}$	404 377	401 374	3 3 3 3 3	
1610 1 2 3 4	317 296 263 237 210	288 3 261 7 234	285 258 231	309 282 255 228 202	307 280 253 226 199	304 277 250 223 196	$274 \\ 247 \\ 220$	$\frac{272}{245}$	296 269 242 215 188	293 266 239 212 185	3 3 2 2 2	
5 6 7 8 9	183 156 129 109 075	3 153 9 126 2 099	150 124 097	175 148 121 094 067	172 145 118 091 065	169 142 116 089 062	140 113	164 137 110 083 057	161 134 108 081 054	159 132 105 078 051	3 3 3 3	
1620 1 2 3 4	048 022 •78 995 968 941	992 965	016	040 014 987 960 933	038 011 984 957 931	035 008 982 955 928	032 006 979 952 925	030 003 976 949 923	027 000 974 947 920	024 *998 971 944 917	2 3 3 3 2	
5 6 7 8 9	915 888 861 835 808	885 859 832	909 883 856 829 803	907 880 853 827 800	904 877 851 824 797	901 875 848 821 795	899 872 845 819 792	896 869 843 816 789	893 867 840 813 787	891 864 837 811 784	3 3 2 3 3	
1630 1 2 3 4	781 755 728 701 675	752 725 699	776 749 723 696 669	773 747 720 693 667	771 744 717 691 664	768 741 715 688 662	765 739 712 685 659	763 736 709 683 656	760 733 707 680 654	757 731 704 677 651	2 3 3 2 3	
5 6 7 8 9	648 622 595 569 542	646 619 592 566 539	643 616 590 563 537	640 614 587 561 534	638 611 585 558 532	635 ·608 582 555 529	632 606 579 553 526	630 603 577 550 524	627 600 574 547 521	624 598 571 545 518	2 3 2 3 2	
1640 1 2 3 4	516 489 463 436 410	513 486 460 434 407	510 484 457 431 405	508 481 455 428 402	505 479 452 426 399	502 476 449 423 397	500 473 447 420 394	497 471 444 418 391	494 468 442 415 389	492 465 439 412 386	3 2 3 2 3	
5 6 7 8 9	383 357 331 304 278	381 354 328 302 275	378 352 325 299 273	375 349 323 296 270	373 346 320 294 267	370 344 317 291 265	368 341 315 288 262	365 339 312 286 260	362 336 310 283 257	360 333 307 281 254	3 2 3 3 2	
1650	252	249	246	244	241	238	236	233	231	228	3	
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1650	·78 252		246	244	241	238	236	233	231	228	3	
$\begin{array}{c c} 1 \\ 2 \end{array}$	225 199		$\frac{220}{194}$	$\frac{217}{191}$	$\begin{array}{c} 215 \\ 188 \end{array}$	$\begin{array}{c} 212 \\ 186 \end{array}$	$\begin{array}{c} 210 \\ 183 \end{array}$	207	204	202	3	
3	173		107	165	162	160	157	$\frac{181}{154}$	$\begin{array}{c} 178 \\ 152 \end{array}$	$\begin{array}{c} 175 \\ 149 \end{array}$	2 3	
4	146		141	139	136	133	131	128	125	123	3	
5 6	120 094		$\begin{array}{c} 115 \\ 089 \end{array}$	112 086	110 083	107 081	$\frac{104}{078}$	$\begin{array}{c} 1.02 \\ 076 \end{array}$	099 073	097	3	
7	008		063	060	057	055	052	049	047	$\begin{array}{c} 070 \\ 044 \end{array}$	2 2	1
8	042		036	034	031	028	026	023	021	018	3	
9	015	013	010	008	005	002	000	*997	*994	*992	3	
1660	·77 989		984	981	979	976	973	971	968	966	3	
1 2	963 937		$\begin{array}{c} 958 \\ 932 \end{array}$	955 929	958 926	$\frac{950}{924}$	$\frac{947}{921}$	$\begin{array}{c} 945 \\ 919 \end{array}$	$942 \\ 916$	$940 \\ 913$	3 2	j
3	911	908	906	903	900	898	895	892	890	887	2	
4	885	882	879	877	874	872	869	866	864	861	2	
5	859		853	851	848	846	843	840	838	835	2	
6	883		827	825	822	819	817	814	812	809	3	
7 8	806 780		$\frac{801}{775}$	$\frac{799}{773}$	$\begin{array}{c} 796 \\ 770 \end{array}$	793 767	$\begin{array}{c} 791 \\ 765 \end{array}$	$\frac{788}{762}$	786 760	783 757	3	
ÿ	754		749	747	744	741	739	736	734	781	3	
1670	728	726	723	721	718	715	713	710	708	705	3	
1	702		697	695	692	689	687	684	682	679	3	1
2	676 650		$\begin{array}{c} 671 \\ 645 \end{array}$	$\begin{array}{c} 669 \\ 643 \end{array}$	666 640	668 687	661 635	$\begin{array}{c} 658 \\ 632 \end{array}$	656 630	$\begin{array}{c} 653 \\ 627 \end{array}$	3	
4	624		619	617	614	611	609	606	604	601	2	
	៥៦១	596	593	591	588	586	583	580	578	575	2	
6	573		567	565	562	560	557	554	552	549	2	
7 8	547 521		542 516	539 513	536 510	534 508	531 505	529 508	526 500	$\frac{523}{498}$	2 3	
9	495		490	487	485	482	479	477	474	472	3	
1680	469		464	461	459	456	454	451	448	446	3	
1	448		438	435	433 407	430 404	428 402	425 399	$\frac{428}{397}$	420	3 2	1
2 3	417 892		412 386	410 384	381	379	376	374	371	394 368	2	
4	866		361	858	355	353	350	348	345	343	3	
5	840		335	332	330	327	325	322	319	317	8	
6	314		309	307	304	301 276	$\frac{299}{278}$	296 270	294 268	291 265	3 2	<b>]</b>
7 8	265 265		288 258	1 kg 4 dg	278 252	250	247	245	242	240	3	
9	237		232	229	227	224	222	219	216	214	3	
1690	211		200	204	201	198	196	198	191	188	2	
1	180	188	181	178	175	178	170	168	165	163	3	
2	160		155 129	152	124	147 121	119	142 116	139	111	2	}
3 4	134 101		104	101	098	096	098	091	088	080	3	
5	085	080	078	075	073	070	068	065	063	060	3	
6	057	055	052	050	047	045	042	039	037	034	2	
7	032		027	024	4000	019	016 *991	014 *988	011	009 *983	3 2	
8	000 000		976	*999 973	970	*993 968	965	968	960	958	3	
1700	951		950	947	945	942	940	937	935	932	2	
				-							1	

## COLOGS.

.No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1700 1 2 3 4	·76 955 930 904 879 853	953 927 901 876 850	950 924 899 873 848	947 922 896 871 845	945 919 894 868 843	942 917 891 866 840	940 914 889 863 838	937 912 886 861 835	935 909 884 858 833	932 907 881 856 830	2 3 2 3 2	
5 6 7 8 9	828 802 777 751 726	825 800 774 749 723	822 797 772 746 721	820 794 769 744 718	817 792 766 741 716	815 789 764 739 713	812 787 761 736 711	810 784 759 733 708	807 782 756 731 705	805 779 754 728 703	3 2 3 2 3	
1710 1 2 3 4	700 675 650 624 599	698 672 647 622 596	695 670 645 619 594	693 667 642 617 591	690 665 639 614 589	688 662 637 612 586	685 660 634 609 584	683 657 632 607 581	680 655 629 604 579	678 652 627 601 576	3 2 3 2 2	
5 6 7 8 9	574 548 523 498 472	571 546 520 495 470	569 543 518 493 467	566 541 515 490 465	563 538 513 488 462	561 536 510 485 460	558 533 508 483 457	556 531 505 480 455	553 528 503 477 452	551 525 500 475 450	3 2 2 3 3	
1720 · 1 2 3 4	447 422 397 371 346	445 419 394 369 344	442 417 392 366 341	440 414 389 364 339	437 412 387 361 336	435 409 384 359 334	432 407 382 356 331	429 404 379 354 329	427 402 377 351 326	424 399 374 349 324	2 2 3 3 3	
5 6 7 8 9	321 296 271 246 221	319 293 268 243 218	316 291 266 241 215	314 288 263 238 213	311 286 261 236 210	309 283 258 233 208	306 281 256 231 205	303 278 253 228 203	301 276 251 226 200	298 273 248 223 198	2 2 2 2 3	
1730 1 2 3 4	195 170 145 120 095	193 168 143 118 093	190 165 140 115 090	188 163 138 113 088	185 160 135 110 085	183 158 133 108 083	180 155 130 105 080	178 153 128 103 078	175 150 125 100 075	173 148 123 098 078	3 3 3 3	
5 6 7 8 9	070 045 020 •75 995 970	068 043 018 993 968	065 040 015 990 965	063 038 013 988 963	060 035 010 985 960	058 033 008 983 958	055 030 005 980 955	053 028 003 978 953	050 025 000 975 950	048 023 *998 973 948	3 3 3 3 3	
1740 1 2 3 4	945 920 895 870 845	943 918 893 868 843	940 915 890 865 840	938 913 888 863 838	935 910 885 860 835	933 908 883 858 833	930 905 880 855 830	928 903 878 853 828	925 900 875 850 825	923 898 873 848 823	3 3 3 3	
5 6 7 8 9	820 796 771 746 721	818 793 768 743 719	815 791 766 741 716	813 788 763 738 714	811 786 761 736 711	808 783 758 733 709	806 781 756 731 706	803 778 753 728 704	801 776 751 726 701	798 773 748 724 699	2 2 2 3 3	
1750	696	694	691	689	686	684	681	679	676	674	3	}

No.	corrugues and re-	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1750	.75	696	694	691	689	686	684	681	679	676	674	3	
1		671	669	$\begin{array}{c} 666 \\ 642 \end{array}$	664	661	659	657	654	652	649	2	
2 3		$\begin{array}{c} 647 \\ 622 \end{array}$	$644 \\ 619$	617	$\frac{639}{614}$	$\frac{637}{612}$	$\begin{array}{c} 634 \\ 609 \end{array}$	$\begin{array}{c} 632 \\ 607 \end{array}$	$\begin{array}{c} 629 \\ 604 \end{array}$	$\begin{array}{c} 627 \\ 602 \end{array}$	$\begin{array}{c} 624 \\ 600 \end{array}$	2 3	
4		597	595	592	280	587	585	582	580	577	575	3	
5		572	570	567	565	562	560	557	555	552	550	2	
6 7		$\begin{array}{c} 548 \\ 523 \end{array}$	$\begin{array}{c} 545 \\ 520 \end{array}$	548 518	$\begin{array}{c} 540 \\ 515 \end{array}$	$\begin{array}{c} 538 \\ 513 \end{array}$	535 510	533 508	530 506	528 503	525 501	2 3	
8		498	496	498	491	488	486	483	481	478	476	3	
9		473	471	468	466	464	461	459	456	454	451	2	
1760		449	446	444	441	439	436	434	431	429	427	8	
1 2		424 899	$\begin{array}{c} 422 \\ 397 \end{array}$	$\frac{419}{394}$	$\frac{417}{392}$	$\frac{414}{390}$	$\begin{array}{c} 412 \\ 387 \end{array}$	409 885	$\frac{407}{382}$	404 380	$\frac{402}{377}$	3 2	
3		375	372	370	367	365	362	360	358	355	353	3	
4		350	348	345	343	340	338	335	333	330	328	2	
5		826	828	321	318	316	313	311	308	306	803	2	
6 7		$\frac{301}{276}$	$\frac{298}{274}$	296 271	294 269	$\frac{291}{267}$	$\frac{289}{264}$	$\frac{286}{262}$	$\frac{284}{259}$	$\frac{281}{257}$	279	3 2	
8		252	249	247	244	242	239	237	235	232	$\frac{254}{230}$	3	
ÿ		227	225	222	220	217	215	212	210	208	205	2	
1770		203	200	198	195	193	190	188	186	183	181	3	
1		$\frac{178}{154}$	$\frac{176}{151}$	$\frac{173}{149}$	171 146	$\frac{168}{144}$	$\begin{array}{c} 166 \\ 141 \end{array}$	163 189	$\frac{161}{136}$	$\begin{array}{c} 159 \\ 134 \end{array}$	$\begin{array}{c} 1.56 \\ 132 \end{array}$	2 3	
2 8		129	127	124	122	119	117	114	112	110	107	2	
4		105	102	100	097	095	092	080	088	085	083	3	
5		080	078	075	078	070	068	065	063	061	058	2	
8 7		$\begin{array}{c} 050 \\ 081 \end{array}$	053 029	051 026	048 024	$\begin{array}{c} 046 \\ 021 \end{array}$	048 019	$041 \\ 017$	$039 \\ 014$	$\begin{array}{c} 036 \\ 012 \end{array}$	034	$\begin{vmatrix} 3 \\ 2 \end{vmatrix}$	
8	l	007	004	002	*050	*997	*995					3	
9	.74	082	980	978	975	978	970	968	965	963	960	2	
1780		958	956	840	951	948	946	948	941	938	986	2	
1 2		934 909	981 907	929 904	926 902	924 899	921 897	919 895	917 892	914 890	$\frac{912}{887}$	3 2	
ลื	1	885	882	880	878	H75	878	870	868	865	863	2	
4		861	858	856	858	851	848	846	843	841	889	3	
5		886	834	831	829	826	824	822	819	817	814	2	
6 7		812 788	809 785	807 788	805 780	802 778	800 775	797 778	795 771	792 768	790 766	2 3	
8		768	701	758	756	754	751	749	746	744	741	2	
9		789	787	784	782	729	727	724	722	720	717	2	
1790		715	712	710	707	705	708	700	698	695	693	3	
1 2		690	888	080	880	081	678	676	678	$\begin{array}{c} 671 \\ 647 \end{array}$	$\begin{array}{c} 669 \\ 644 \end{array}$	3 2	
3		$\begin{array}{c} 666 \\ 642 \end{array}$	664 640	$-661 \\ -687$	659 635	65 <b>7</b> 68 <b>2</b>	654 630	$\begin{array}{c} 602 \\ 627 \end{array}$	649	628	620	2	
4		618	615	613	610	608	606	603	601	598	596	2	
5		594	591	589	586	584	581	579	577	574	572	8	
6	1	569	567	565	562	560	557	555 531	552 528	550 526	548 523	3 2	
7 8		545 521	548 519	540 516	538 514	536 511	583 509	507	504	502	499	2	
ğ		497	494	492	490	487	485	482	480	478	475	2	
1800		478	470	468	466	463	461	458	456	453	451	2	
Subtract Proportional Parts											91		

No.	0	1	2	3	4	5	6	7	8	9	D	P.	Р.
1800	·74 478					461 437							-
2	420					412	410	408					
3	400 376					388 364					3		
4	3/10	374	012	300	301	aug	302	359	357	168	3		
5	352					340							
6 7	328 304					$\frac{316}{292}$							j
8	280	278	275	273	271	268	200	263	261	259	8		
9	250	254	251	249	247	244	242	239	237	235	8		
1810	232			225		220			213	211	8		- 1
1	208 184		203 179	$\frac{201}{177}$		196			189		3		
2 3	160		155	153		172 148				$\begin{array}{c} 163 \\ 139 \end{array}$	3		ŀ
4	136		131	129		124	122			115	3		
5	112	110	108	105	108	100	098	096	093	091	3		
6	088	086	084	081	079	076	074	072	069	067	2		- 1
7 8	065 041		060 036	057 033	055 031	053 029	050 026	048	045	043	2		
9	017	014	01.2	010	007	005	002	024	022 *998	019 +995	2 2		ı
1820	·78 993	990	988	986	988	981	979	976	974		1		-
1	969	967	964	962	959	957	955	952	950	971 948	3		- 1
2	945	943	940	938	936	933	981	928	926	1124	3	1	- 1
3 4	921 898	919 895	$\frac{917}{893}$	914 890	912 888	909 886	90 <b>7</b> 883	905 881	902 878	900 876	22		- 1
													- 1
5 6	874 850	871 848	869 845	86 <b>7</b> 843	864 840	862 838	859 836	857 833	888 188	852	2		- 1
7	826	824	821	819	817	814	812	810	807	829 805	8		
8 9	802 779	800 776	798	795	798	791	788	786	788	781	2		I
-	118	110	774	772	769	767	764	762	760	757	2		-
1830	755	758	750	748	745	743	741	738	736	734	8		
2	731 707	$729 \\ 705$	$\frac{726}{708}$	$724 \\ 700$	$\begin{array}{c} 722 \\ 698 \end{array}$	719 696	717 $693$	715 691	713	710	8		ı
3	684	681	679	677	674	672	670	667	888 888	662	2 2		-
4	660	658	655	653	651	648	646	643	641	639	ā		
5	636	034	632	629	627	625	622	620	617	615	2		
6 7	613	610	608	606	608	601	តមម	540	504	591	2		
8	589 565	587 568	584 561	58 <b>2</b> 558	580 556	577	575	573	570	bein	3		-
9	542	539	587	535	582	554 580	551 528	549 525	547 523	844 821	2 8		-
1840	518	516	513	511									
1	495	492	490	488	509 485	506 488	504 480	502 478	499 476	4117	2		
2	471	469	466	464	462	459	457	455	452	450	3		1
8 4	447 424	445 422	448 419	440 417	438	486	488	481	429	428	2		1
				371	414	412	410	407	405	403	Я		
5 6	400 377	398	896 970	898	391	889	386	884	282	379	2		
7	853	374 351	372 349	370 346	367 344	305 842	363	360	abh	350	3		
8	880	327	825	828	820	818	339 316	337 313	335	332	3		
9	306	804	302	299	297	295	292	200	288	288	2		1
1850	283	280	278	276	273	271	269	266	264	262	a		
00		-		-				HOP NOT BEE	-4 +4 B	અમલ	"		

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1850 1	·73 283 259	280 257	278 255	276 252	273 250	271 248	269 245	266 243	264 241	262	3	
$\frac{1}{2}$	236	234	231	220	227	224	222	$\begin{array}{c} 243 \\ 219 \end{array}$	217	$\begin{array}{c} 238 \\ 215 \end{array}$	3	
3	212	210	208	205	203	201	198	196	194	191	2	
4	189	187	184	182	180	177	175	173	170	168	2	
5	$\frac{166}{142}$	$\frac{163}{140}$	$\frac{161}{188}$	$\frac{159}{135}$	$\frac{156}{133}$	$\begin{array}{c} 154 \\ 131 \end{array}$	$\begin{array}{c} 152 \\ 128 \end{array}$	149	147	145	3	
6 7	119	116	114	112	109	107	105	$\frac{126}{102}$	$\frac{123}{100}$	$\begin{array}{c} 121 \\ 098 \end{array}$	3	
8	095	093	091	088	086	084	081	079	077	074	2	
9	072	070	067	065	063	060	058	056	053	051	2	
1860	049	046	044	042	039	037	035	032	030	028	3	
1	025	028	021	018	016	014	011	009	007	004	2	
2 3	002 72 979	976	*997 974	972	969	*990 967	ชมหห 965	962	*983 960	*981 958	3	
4	955	840	951	948	946	944	941	939	937	934	2	
Ŕ	932	980	927	925	923	920	918	916	913	911	2	
0	909 886	907 888	904 881	902 879	900 876	$\begin{array}{c} 897 \\ 874 \end{array}$	$\begin{array}{c} 895 \\ 872 \end{array}$	893	890 867	888	2	
7 8	862	860	858	855	858	851	848	$\begin{array}{c} 869 \\ 846 \end{array}$	844	$\begin{array}{c} 865 \\ 841 \end{array}$	8 2	
9	839	837	834	832	880	827	825	823	820	818	2	
1870	816		811	800	807	804	802	800	797	795	2	
$\frac{1}{2}$	798 769	790 767	788 765	786 762	783 760	781 758	$\begin{array}{c} 779 \\ 755 \end{array}$	$\begin{array}{c} 776 \\ 753 \end{array}$	$774 \\ 751$	$\begin{array}{c} 772 \\ 749 \end{array}$	3	
8	740		742	789	737	785	732	730	728	725	2	
4	723		718	716	714	711	709	707	705	702	2	
5	700 677		695	698 670	691 667	688 665	$\frac{686}{663}$	$\frac{684}{661}$	681 658	$\begin{array}{c} 679 \\ 656 \end{array}$	2 2	
6 7	654		$\frac{672}{649}$	647	644	642	640	637	685	633	3	
8	680		626	624	621	619	617	614	612	610	8	
9	607	400	603	600	៦១৪	596	593	591	589	587	3	
1880	584		580	577	575	578	570	568	566	563	2	
1 2	561 538		557 533	554 581	552 529	550 527	$\frac{547}{524}$	545 522	543 520	540 517	2 2	
รื	818		510	803	506	503	501	499	497	494	2	
4	492		487	485	488	480	478	476	473	471	2	
5	469		464	462	460	457	455	458	450	448	2 2	
6 7	446		441 41H	489	437 414	484 411	432	430 407	427 404	425 402	2	
7 8	400		895	898	891	888	386	384	381	379	2	
9	877		372	870	868	865	868	861	358	856	2	
1890	854	352		847	345	342	340	888	335 312	833	2 2	
1 2	881 801			324 801	322 299	319 296	$817 \\ 294$	815 292	290	6 1 1 mg	2	
8	281			278		278	271	269	267		2	}
4	262			255		251	248	246	244	241	2	
5	289			282		228	225	228 200	221 198		2 3	
6 7	216			209 186		205 182	202 180	177	175		8	
8	17			164		159	157	154	152	150	2	
9	14			141		136	134	131	129	127	2	
1900	12	5 122	120	118	115	118	111	109	106	104	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1900	·72	125 102	122 100	120 097	118 095	115 093	113 090	111 088	109 086	106 084	104 081	2 2	
2		079	077	074	072	070	068	065	063	061	058	2	
3 4		056 033	054 031	$\begin{array}{c} 052 \\ 029 \end{array}$	$\begin{array}{c} 049 \\ 026 \end{array}$	$\begin{array}{c} 047 \\ 024 \end{array}$	$\begin{array}{c} 045 \\ 022 \end{array}$	$\begin{array}{c} 042 \\ 020 \end{array}$	040 017	$\begin{array}{c} 038 \\ 015 \end{array}$	036 013	3 2	
5		011	008	006	004	001		*997				2	1
6 7	.71	988 965	$\frac{985}{963}$	$983 \\ 960$	$\begin{array}{c} 981 \\ 958 \end{array}$	$\begin{array}{c} 979 \\ 956 \end{array}$	$976 \\ 954$	$974 \\ 951$	$\frac{972}{949}$	$969 \\ 947$	$\frac{967}{944}$	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
8		942	940	938	935	933	931	929	926	924	$\boldsymbol{922}$	3	
9		919	917	915	913	910	908	906	903	901	899	2	
1910		897	894	892	890	888	885	883	881	878	876	2	
$egin{array}{c} 1 \ 2 \end{array}$	ļ	874 851	$\begin{array}{c} 872 \\ 849 \end{array}$	$869 \\ 847$	$\begin{array}{c} 867 \\ 844 \end{array}$	$\begin{array}{c} 865 \\ 842 \end{array}$	863 840	860 838	858 835	856 833	$\begin{array}{c} 853 \\ 831 \end{array}$	2 2	
3		829	826	824	822	819	817	815	813	810	808	2	
4		806	804	801	799	797	794	792	790	788	785	2	
5		783	781	779	776	774	772	770	767	765	763	3	
6 7		$\begin{array}{c} 760 \\ 738 \end{array}$	758 736	$756 \\ 733$	$\begin{array}{c} 754 \\ 731 \end{array}$	$\begin{array}{c} 751 \\ 729 \end{array}$	749 726	$\begin{array}{c} 747 \\ 724 \end{array}$	$\begin{array}{c} 745 \\ 722 \end{array}$	$742 \\ 720$	$740 \\ 717$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
8		715	713	711	708	706	704	702	699	697	695	2	
9		693	690	688	686	683	681	679	677	674	672	2	
1920		670	668	665	663	661	659	656	654	652	650	3	
$egin{array}{c} 1 \ 2 \end{array}$		$\begin{array}{c} 647 \\ 625 \end{array}$	$\begin{array}{c} 645 \\ 622 \end{array}$	$643 \\ 620$	$640 \\ 618$	638 <b>6</b> 16	636 613	$634 \\ 611$	631 609	629 607	$\begin{array}{c} 627 \\ 604 \end{array}$	2 2	
3		602	600	598	595	593	591	589	586	584	582	3	
4		579	577	<b>57</b> 5	573	570	568	566	564	561	559	2	
5		557	555	552	550	548	546			539	537	3	
$\begin{array}{c} 6 \\ 7 \end{array}$		$534 \\ 512$	532 510	530 507	528 505	$\begin{array}{c} 525 \\ 503 \end{array}$	523 501			516 494	$\begin{array}{c} 514 \\ 492 \end{array}$	3	
8		489	487	485	483	480	478	476	474	471	469	2	
9		467	465	462	460	458	456	453	451	449	447	3	
1930	}	444	442	440	438	435	433			426	424	2	
$\frac{1}{2}$	ļ	422 399	$\begin{array}{c} 420 \\ 397 \end{array}$	$\begin{array}{c} 417 \\ 395 \end{array}$	$\begin{array}{c} 415 \\ 393 \end{array}$	413 390	411 388			404 381	$\begin{array}{c} 402 \\ 379 \end{array}$	3 2	
3	ŀ	377	375	372	370	368	366	36 <b>3</b>	361	359	357	3	1
4	İ	354	352	350	348	345	343	341	339	336	334	2	
5		332	330	327	325	323	321					3	
6 7		$\frac{309}{287}$	$\begin{array}{c} 307 \\ 285 \end{array}$	$\begin{array}{c} 305 \\ 283 \end{array}$	303 280	$\frac{300}{278}$	298 276				$\frac{289}{267}$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
8		265	<b>262</b>	260	258	<b>256</b>	253	251	249	247	<b>244</b>	2	1
9	Ì	242	240	238	<b>2</b> 36	233	231	229	227	224	222	2	1
1940		220	218	215	213	211	209					3	
$\frac{1}{2}$		197 175	$\frac{195}{173}$	$\frac{193}{171}$	191 168	$\frac{188}{166}$	$\frac{186}{164}$			180 157		2 2	
3	1	153	150	148	146	144	142	139	137	135	133	3	
4		130	128	126	124	` 121	119	117	115	113	110	2	
5		108	106	104	101	099	097					2	1
6 7		086 063	083 061	081 059	079 057	$\begin{array}{c} 077 \\ 054 \end{array}$	0 <b>7</b> 5					3 2	
8		041	039	037	034	032	030	028	026	023	021	2	
9		019	017	014	012	010	008	005	003	001	*999	2	
1950	.70	997	994	99 <b>2</b>	990	988	985	983	981	979	976	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1950	.70		994	992	990	988	985	983	981	979	976	2	
1		974	972	970	968	965	963	961	959	956	954	2	
3		$\frac{952}{980}$	$\begin{array}{c} 950 \\ 928 \end{array}$	$\begin{array}{c} 948 \\ 925 \end{array}$	$\begin{array}{c} 945 \\ 923 \end{array}$	$943 \\ 921$	$\begin{array}{c} 941 \\ 919 \end{array}$	$\begin{array}{c} 939 \\ 916 \end{array}$	$\begin{array}{c} 936 \\ 914 \end{array}$	$\begin{array}{c} 934 \\ 912 \end{array}$	932	2	
4		908	905	903	901	899	896	894	892	890	910 888	3	
5		885 863	883 861	881 859	879 856	876 854	874	872	870	868	865	2	
6 7		841	839	836	834	882	852 830	$\begin{array}{c} 850 \\ 828 \end{array}$	$\begin{array}{c} 848 \\ 825 \end{array}$	$\begin{array}{c} 845 \\ 823 \end{array}$	$843 \\ 821$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
8		819	817	814	812	81.0	808	805	803	801	799	2	
9		797	794	792	790	788	785	783	781	779	777	3	
1960		774	772	770	$\begin{array}{c} 768 \\ 746 \end{array}$	766 748	763	761	759	757	754	2	
1 2		$\begin{array}{c} 752 \\ 780 \end{array}$	$\begin{array}{c} 750 \\ 728 \end{array}$	$\begin{array}{c} 748 \\ 726 \end{array}$	728	$\begin{array}{c} 743 \\ 721 \end{array}$	$\frac{741}{719}$	$\begin{array}{c} 739 \\ 717 \end{array}$	$\begin{array}{c} 787 \\ 715 \end{array}$	$\begin{array}{c} 735 \\ 712 \end{array}$	$732 \\ 710$	2 2	
8		708	706	704	701	699	697	695	692	690	688	2	
4		686	084	681	679	677	075	673	670	668	666	2	
5		664	662	659	657	655	653	650	648	646	644	2	
6 7		$\begin{array}{c} 642 \\ 620 \end{array}$	$\frac{639}{617}$	$\begin{array}{c} 637 \\ 615 \end{array}$	$\begin{array}{c} 635 \\ 613 \end{array}$	$\begin{array}{c} 633 \\ 611 \end{array}$	631 609	628 606	$\begin{array}{c} 626 \\ 604 \end{array}$	$\begin{array}{c} 624 \\ 602 \end{array}$	$\begin{array}{c} 622 \\ 600 \end{array}$	3	
8		597	595	593	591	589	586	584	582	580	578	3	
9		575	578	571	569	567	564	562	560	558	556	3	
1970		558	551	549	547	545	542	540	538	$\frac{536}{514}$	534	3	
2		531 509	529 507	527 505	525 508	$\begin{array}{c} 528 \\ 501 \end{array}$	$\frac{520}{498}$	$\frac{518}{496}$	$\begin{array}{c} 516 \\ 494 \end{array}$	492	$\frac{512}{489}$	3 2	
3		487	485	488	481	478	476	474	472	470	467	2	
4		465	463	461	459	456	454	452	450	448	445	2	
5		448 421	441 419	$\frac{439}{417}$	$\frac{487}{415}$	$\frac{434}{413}$	432 410	430 408	428 406	$\frac{426}{404}$	$\begin{array}{c} 424 \\ 402 \end{array}$	3	
() 7		800	897	395	393	391	388	386	384	382	380	3	
Я		377	375	373	371	869	366	864	862	360	358	3	
Ø		355	858	351	349	347	344	342	340	338	336	3	
1980		888 812	331 309	$\frac{329}{307}$	327 305	$\frac{325}{303}$	323 301	320 298	318 296	$\frac{316}{294}$	314 202	2 2	
2		290	287	285	283	281	279	276	274	272	270	2	
3		268	200	263	261	259	257	255	252	250	248	2	
4		246	244	241	239	237	235	233	231	228	226	2	
5		224	222	$\frac{220}{198}$	217 196	$\frac{215}{193}$	213 191	211 189	200 187	206 185	$\frac{204}{182}$	2 2	
6 7		202 180	200 178	176	174	171	169	167	165	163	161	3	}
н		158	156	154	152	150	147	145	148	141	139	2	
9		137	134	182	130	128	126	123	121	119	117	2	
1990		115	113	110	108 086	106	104 082	102 080	099 078	097 075	095 073	2 2	]
$\frac{1}{2}$		098	091 009	089 067		084 062				054		2	
នឹ		049	047	045	043	041	038	036	034	032	080	3	
4		027	025	028	021	019	017	014	012	010	008	2	
5	,on	006	004	001	*999 977	*997 975	*995 973	*993 971	*990 969	*988 967	*986 964	2 2	
6 7	1.00	984 962	982 960	980 958	956	953	951	949	947	945	943	3	
8		940	938	936	984	932	930	927	925	923	921	2 2	1
9		919	917	914	912	910	908	906	904	901	899		
2000		897	895	893	890	888	886	884	882	880	877	2	

No.		0	1 2	3	4	5	6	7	8	9	D.	P.P.
2000 1 22 3 4	8 8		30 828	1 869 9 847 8 825	867 845 823	886 864 843 821 798	4 862 3 841 1 819	2 860 1 838 9 817	0 858 8 836 7 815	856 834 812	2 2 2 2 2 2	
5 6 7 8 9	7 7 7	89 78 67 76 45 74 24 72 02 70	55 768 3 <b>74</b> 1 1 <b>7</b> 19	760 739 717	780 758 737 715 693	778 756 734 713 691	754 732 711	752 730 708	750 728 706	747 726 704	2 2 2 2 3	
2010 1 2 3 4	6: 6: 6:	80 67 59 65 37 63 16 61 94 59	7 654 5 633 3 611	652 631 609	672 650 629 607 585	670 648 626 605 583	646 624 603	665 644 622 601 579	642 620 598		2 2 2 2 3	
5 6 7 8 9	57 58 52 50 48	51 54: 29 52: 38 50:	9 547 7 525 6 504	566 544 523 501 480	564 542 521 499 478	562 540 519 497 476	560 538 516 495 473	557 536 514 493 471	555 534 512 491 469	553 532 510 489 467	2 3 2 3 2	
2020 1 2 3 4	46 44 42 40 37	3 443 2 420 0 398	1 439 3 418 3 396	458 437 415 394 373	456 435 413 392 370	454 433 411 390 368	452 430 409 388 366	450 428 407 385 364	448 426 405 383 362	446 424 403 381 360	3 2 3 2 3	
5 6 7 8 9	35 33 31 29 27	6 334 5 312 3 291	332 310 289	351 330 308 287 265	349 327 306 285 263	347 325 304 282 261	345 323 302 280 259	342 321 300 278 257	340 319 297 276 255	338 317 295 274 253	2 2 2 2 3	
2030 1 2 3 4	25 22 20 18 16	$9 227 \\ 8 205 \\ 6 184$	225 203 182	244 223 201 180 159	242 220 199 178 156	240 218 197 176 154	238 216 195 173 152	235 214 193 171 150	233 212 191 169 148	231 210 188 167 146	2 2 2 2 2 2	
5 6 7 8 9	144 122 101 080 058	2 120 1 099 0 077	139 118 097 075 054	137 116 095 073 052	135 114 092 071 050	133 112 090 069 048	131 109 088 067 045	129 107 086 065 043	126 105 084 063 041	124 103 082 060 039	2 2 2 2 2 2	
2040 1 2 3 4	037 016 •68 994 973 952	014 992 971	033 011 990 969 948	988 967	028 007 986 965 943	026 005 984 963 941	024 003 982 960 939	022 001 980 958 937	020 *999 > 977 956 935	018 k997 975 954 933	2 3 2 2 2	
5 6 7 8 9	931 909 888 867 846	907 886 865	926 905 884 863 842	903 882 861	922 901 880 859 837	920 899 878 856 835	918 897 875 854 833	916 895 873 852 831	914 892 871 850 829	912 890 869 848 827	3 2 2 2 2 2	
2050	825	822	820	818	816	814	812	810	808	806	8	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2050	-68	825	822	820	818	816	814	812	81.0	808	806	3	
1		803	801	799	$797 \\ 776$	795 $774$	$\begin{array}{c} 793 \\ 772 \end{array}$	791	789	786	784	2	
2 3		$\begin{array}{c} 782 \\ 761 \end{array}$	$\begin{array}{c} 780 \\ 759 \end{array}$	$778 \\ 757$	755	753	751	$770 \\ 748$	$\begin{array}{c} 767 \\ 746 \end{array}$	$\begin{array}{c} 765 \\ 744 \end{array}$	763 742	2 2	
4		710	738	736	734	731	729	727	725	723	721	2	
5	ı	719	717	715	712	710	708	706	704	702	700	2	
6		$\frac{698}{677}$	$696 \\ 674$	693 672	$\begin{array}{c} 694 \\ 670 \end{array}$	689 668	$\begin{array}{c} 687 \\ 666 \end{array}$	$\begin{array}{c} 685 \\ 664 \end{array}$	$\begin{array}{c} 683 \\ 662 \end{array}$	$\begin{array}{c} 681 \\ 660 \end{array}$	679 658	3	
7 8		655	653	651	649	647	645	643	641	689	636	2	
ÿ		634	632	630	628	626	624	622	620	617	615	2	
2060		613	611	609	607	605	603	601	599	596	594	2	
1		592	590	BHH	586	584	582	580	577	575	573	2	
2		571	569 548	567 546	565 544	$\begin{array}{c} 563 \\ 542 \end{array}$	561 540	558 53 <b>7</b>	556 535	$\begin{array}{c} 554 \\ 533 \end{array}$	$\begin{array}{c} 552 \\ 531 \end{array}$	2 2	
3 4		550 520	527	626	523	521	519	516	514	512	510	2	
5		508	506	504	502	500	497	495	493	491	489	2	
6		487	485	483	481	479	476	474	472	470	468	2	
7	1	$\begin{array}{c} 466 \\ 445 \end{array}$	464 443	462 441	$\begin{array}{c} 460 \\ 439 \end{array}$	$\frac{458}{437}$	$\frac{455}{434}$	$\frac{453}{432}$	$\frac{451}{480}$	$\frac{449}{428}$	$\begin{array}{c} 447 \\ 426 \end{array}$	$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
8 9		424	422	420	418	416	413	411	409	407	405	2	
2070		403	401	399	397	395	802	890	388	386	384	2	
1	}	882	380	378	376	374	$\begin{array}{c} 372 \\ 351 \end{array}$	369 348	$\begin{array}{c} 367 \\ 346 \end{array}$	$\frac{365}{344}$	$\begin{array}{c} 363 \\ 342 \end{array}$	2 2	
2		361 340	359 338	357 336	355 384	353 332	330	328	325	323	321	2	
8 4		319	317	315	313	311	309	307	304	302	300	2	
5		298	206	294	202	290	288	286	284	281	279	2	
6	1	277	275	273	271	269	$\frac{267}{246}$	$\frac{265}{244}$	$\frac{263}{242}$	$\frac{261}{240}$	258 238	3	
7 8		256 285	$\frac{254}{233}$	252 231	250 220	248 227	246	223	242	219	217	2	
9		215	212	210	208	206	204	202	200	108	196	2	
2080		194	192	180	187	185	183	181	179	177	175	2	
1	1	178	171	169	167	164	162 141	160 139	158 13 <b>7</b>	$\frac{156}{135}$	$\begin{array}{c} 154 \\ 133 \end{array}$	2 2	
2		152	150 129	148	146 195	144 123	121	119	116	114	112	2	
4		110	108	100	104	102	100	098	006	094	091	2	
5		089	087	045	088	081	079	077	075	078	071	2	
6		009	066	064	062	060	058	056	054	052 031	050 029	2 2	
7		048	046	044 023	042	039	037 017	035	$\begin{array}{c} 033 \\ 012 \end{array}$	010	008	2	1
អ ១		027 006	025 004	002	000	*888	*888		<b>*992</b>			$\tilde{2}$	
2090	.6	7 985	983	981	979	977	975	973		969	967	2	
1		965	968	960	958	956	954	952		948		1 ~	1
2		944	943 921	940 919	938 917	936 915	933 913	931 911	929 909	927 906	925 904	2 2	
8 4		903 933		898	H96	894	892	890		886			
5		882		877	875	878	871	869		865			
6		861		857	855	853	851	848		844 824			
7 8		840 819		836 815	834 818	832 811	880 809			803			i
9		799		795	798	790	788					1	
2100		778	776	774	772	770	768	766	764	762	759	2	

				والمساوي		الوالد الإمارية الإسارية	مبصورين					
No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
01.00	67 779	776	774	772	770	768	766	764	762	759	2	
2100 1	·67 778   757		753	751	749	747	745	743	741	739	2	
2	737		733	731	728	726	724	722	720	718	2	
3	716		712	710	708	706	704	702	700	697	2	
4	695	693	691	689	687	685	683	681	679	677	2	
5	675	673	671	669	667	664	662	660	658	656	2	
5 6	654	652	650	648	646	644	642	640	638	636	2	
7	634		629	627	$\begin{array}{c} 625 \\ 605 \end{array}$	623	$\begin{array}{c} 621 \\ 601 \end{array}$	619	617 596	615	2	
8 9	613 592		609 588	607 586	584	$\begin{array}{c} 603 \\ 582 \end{array}$	580	$\begin{array}{c} 599 \\ 578 \end{array}$	576	$\begin{array}{c} 594 \\ 574 \end{array}$	2 2	
ľ	002		000	000							1	
2110	572		568	566	564	561	559	557	555	553	2	
1	551 531		$\frac{547}{526}$	$\begin{array}{c} 545 \\ 524 \end{array}$	$\begin{array}{c} 543 \\ 522 \end{array}$	$\frac{541}{520}$	$\begin{array}{c} 539 \\ 518 \end{array}$	$\begin{array}{c} 537 \\ 516 \end{array}$	$535 \\ 514$	$\begin{array}{c} 533 \\ 512 \end{array}$	2 2	
2 3	510		526	504	502	500	498	496	494	492	2	
4	490		485	483	481	479	477	475	473	471	2	
] _												
5 6	469 448		465 444	$\frac{463}{442}$	461 440	$\frac{459}{438}$	$\begin{array}{c} 457 \\ 436 \end{array}$	$\begin{array}{c} 455 \\ 434 \end{array}$	$\frac{453}{432}$	$\frac{450}{430}$	2 2	
7	428		424	422	420	418	416	414	412	409	2	
8	407		403	401	399	397	395	393	391	389	2	
9	387	385	`383	381	379	377	375	373	371	368	2	
2120	366	364	362	360	358	356	354	352	350	348	2	
1	346		342	340	338	336	334	332	330	328	3	
2	328	323	321	319	317	315	313	311	309	307	2	
3	305		301	299	297	295	293	291	289	287	2	
4	288	283	280	278	276	274	272	270	268	266	2	
5	264	262	260	258	256	254	252	250	248	246	2	
6	244		240	238	236	233	231	229	227	225	2	
7 8	223 203		$\frac{219}{199}$	$\frac{217}{197}$	$\begin{array}{c} 215 \\ 195 \end{array}$	$\frac{213}{193}$	$\begin{array}{c} 211 \\ 191 \end{array}$	$\begin{array}{c} 209 \\ 189 \end{array}$	$\begin{array}{c} 207 \\ 187 \end{array}$	$\frac{205}{184}$	2 2	
, °	182		178	176	174	$\begin{array}{c} 133 \\ 172 \end{array}$	170	168	166	164	2	
	}											
2130	162		158	156	154	152	150	148	146	144	2	
$\frac{1}{2}$	142 121		$\frac{138}{117}$	136 115	$\frac{134}{113}$	131 111	$\begin{array}{c} 129 \\ 109 \end{array}$	$\begin{array}{c} 127 \\ 107 \end{array}$	$\frac{125}{105}$	$\frac{123}{103}$	2 2	
3	101		097	095	093	091	089	087	085	083	2	
4	081	. 079	076	074	072	070	068	066	064	<b>062</b>	2	
5	060	058	056	054	052	<b>0</b> 50	048	046	044	042	2	
6	040		036	034	032	030	028	026	024	022	2	
7 8	020	018	015	013	011	009	007	005	003	100	2	
8 9	·66 999		995	993	991	989	987	985	983	981	2	
9	979	977	975	973	971	969	967	965	963	961	2	
2140	959		955	953	951	948	946	944	942	940	2	
1	938	010	934	932	930	928	926	924	922	920	2	
2 3	898		894	$\begin{array}{c} 912 \\ 892 \end{array}$	890 810	908 888	906 886	904 884	$\begin{array}{c} 902 \\ 882 \end{array}$	900 880	2 2	
4	878		873	871	869	867	865	863	861	859	2	
_	02-		0 = 0	0 24	0.40	0.45	0.45	0.40	0	000		
5 6	857 837		853 833	851 831	8 <b>49</b> 8 <b>2</b> 9	$847 \\ 827$	$\begin{array}{c} 845 \\ 825 \end{array}$	843 823	$841 \\ 821$	$839 \\ 819$	2 2	
7	817		813	811	809	807	805	803	801	799	2	
8	797	795	793	791	788	786	784	782	780	778	2	
9	776	774	772	770	768	766	764	762	760	758	2	
2150	756	754	752	750	748	746	744	742	740	738	2	
											-	

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). 		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0	-66	756	754	752	750	748	746	744	742	740	738	2	
1.		736	$73\overline{4}$	732	730	728	726	724	722	720	718	2	
2		716	714	712	710	708	706	704	702	700	698	2	
3		596	694	692	690	688	686	683	681	679	677	2	
4	•	675	673	671	669	667	665	663	661	659	657	2	
5		655 635	$\frac{653}{633}$	651 631	$\frac{649}{629}$	$\frac{647}{627}$	$\begin{array}{c} 645 \\ 625 \end{array}$	643 623	$\begin{array}{c} 641 \\ 621 \end{array}$	$\frac{639}{619}$	$637 \\ 617$	2 2	
6 7		615	613	611	609	607	605	603	601	599	597	2	
8		595	593	591	589	587	585	583	581	579	577	2	
9	1	575	573	571	569	567	565	563	561	559	557	2	
0		555	553	551	549	547	545	548	541	589	537	2	
1		535 514	$\begin{array}{c} 533 \\ 512 \end{array}$	531 510	528 508	526 506	524 504	$\begin{array}{c} 522 \\ 502 \end{array}$	520	518	516	2 2	
22 33		494 194	492	490	488	506 486	504 484	482	500 480	498 478	$\frac{496}{476}$	2	
4		17-1	472	470	468	466	464	462	460	458	456	2	
5		454	452	450	448	446	4.1.1	442	440	438	436	2	
6		434	132	430	428	426	424	422	420	418	416	2	
7		414	412	410	408	406	404	402	400	398	396	2	
8		$394 \\ 374$	$\frac{392}{372}$	$\frac{390}{370}$	388 368	38 <b>6</b> 30 <b>6</b>	$\begin{array}{c} 384 \\ 364 \end{array}$	382 362	380 360	378 358	376 356	2 2	
0		354	352	350	348	346	344	342	340	338	336	2	
1		334	332	330	328	326	324	322	320	318	316	2	
2		314	312	310	308	306	304	302	300	298	296	2	
3		294	292	200	288	286	284	282	280	278	276	2	
4		274	272	270	268	266	264	262	260	258	256	2	
5		254	252	250	248	246	244	242	240	238	236	2	
6 7		$\frac{234}{214}$	232 212	$\frac{230}{210}$	228 208	$\frac{226}{206}$	$\frac{224}{204}$	222 202	220	218 198	216 196	2 2	
8		194	192	190	188	186	184	182	180	178	176	2	
9		174	172	170	168	166	164	162	160	158	156	2	
10		154	152	150	148	146	1.44	142	140	138	186	3	
1		134	182	130	128	126	124	122	120	119	117	2	
2		115 095	113	111	109	107 087	105	103	101	099 079	097 077	2 22	
4		075	073	091 071	089	067	085 065	880	061	079	057	2	
ត		055	058	051	049	047	045	043	041	039	037	2	
6		035	033	031	029	027	025	028	021	019	017	2	
7		015	013	011	009	007	005	003	001		*997	3	
8	-65		.993	991	989	987	085	SKS	981	979	977	3	
9		975	078	971	269	987	986	904	962	960	958	2	
)0 1		956 936	954 984	952 982	950 980	948 928	946 926	944 924	942 922	940 920	938 918	2 2	
2		930 916	914	912	910	908	926	904	902	900	898	2	
3	5	896	894	892	890	ннн	886	884	882	880	878	2	
4		876	874	872	870	888	866	864	862	861	859	2	
5		857	855	853	851	849	847	845	843	841	839	2	
6		837	835	833	831	H29	827	825	828	821	819	2	
7 8		817 797	815 795	813 798	811 791	809 789	807 787	805 785	803 783	781	799 779	2 2	
9		777	776	774	791	770	768	760	764	762	760	2	
00		758	756	754	752	750	748	746	744	742	740	2	
	<u> </u>	-	<del></del>		uhtra	t Pro	ortiona	Parl				i	99

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2200 1 2 3	·65 758 738 718 699	736 716 697	754 734 714 695	752 732 712 693	750 730 710 691	748 728 708 689	726 706 687	$724 \\ 704 \\ 685$	$722 \\ 702 \\ 683$	$720 \\ 701 \\ 681$	2 2 2 2	
5 6 7 8	679 659 639 620 600	657 637 618 598	675 655 636 616 596	673 653 634 614 594	671 651 632 612 592	669 649 630 610 590	647 628 608 588	665 645 626 606 586	663 643 624 604 584	661 641 622 602 582	2 2 2 2 2 2	
9 2210 1 2 3	580 561 541 521 502	578 559 539 520 500	576 557 537 518 498	575 555 535 516 496	573 553 533 514 494	571 551 531 512 492	569 549 529 510 490	567 547 527 508 488	565 545 525 506 486	563 543 523 504 484	2 2 2 2 2 2 2 2	
5 6 7 8	482 463 443 423 404	480 461 441 421 402	478 459 439 420 400	476 457 437 418 398	474 455 435 416 396	472 453 433 414 394	470 451 431 412 392	469 449 429 410 390	467 447 427 408 388	465 445 425 406 386	2 2 2 2 2 2	
9 2220 1 2 3	384 365 345 326 306	363 343 324 304	380 361 341 322 302	378 359 339 320 300	376 357 337 318 298	374 355 335 316 296	373 353 333 314 294	371 351 331 312 292	369 349 330 310 290	367 347 328 308 288	2 2 2 2 1	
4 5 6 7 8	287 267 247 228 208	285 265 246 226 207	283 263 244 224 205	281 261 242 222 203	279 259 240 220 201	277 257 238 218 199	275 255 236 216 197	273 253 234 214 195	271 251 232 212 193	269 249 230 210 191	2 2 2 2 2	
9 2230 1 2 3	189 170 150 131 111	187 168 148 129 109	185 166 146 127 107	183 164 144 125 105	181 162 142 123 103	179 160 140 121 101	177 158 138 119 099	175 156 136 117 098	173 154 134 115 096	171 152 133 113 094	2 2 2 2	
5 6 7 8	092 072 053 033 014	090 070 051 031 012	088 068 049 030 010	086 066 047 028 008	084 064 045 026	082 063 043 024	080 061 041 022	078 059 039 020	076 057 037 018	074 055 035 016	2 2 2 2	
9 2240 1 2	.64 995 975 956 936	993 973 954 935	991 971 952 933	989 969 950 931	967 948 929	985 966 946 927		981 962 942 923	*998 979 960 940 921	977 977 958 938 919	2 2 2 2 2 2	
3 4 5 6 7	917 898 878 859 840	915 896 876 857 838	913 894 874 855 836	911 892 873 853 834	909 890 871 851 832	907 888 869 849 830	905 886 867 847 828	904 884 865 845 826	902 882 863 844 824	900 880 861 842 822	2 2 2 2 2 2	
8 9 <b>225</b> 0	820 801 782	818 799 780	817 797 778	815 795 776	813 793 774	811 791 772	809 789 770	807 788 768	805 786 766	803 784 764	2 2 2 2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2250	.64	782	780	778	776	774	772	770	768	766	764	2	·
1		762	761	759	757	755	753	751	749	747	745	2	
2		$\begin{array}{c} 743 \\ 724 \end{array}$	$\begin{array}{c} 741 \\ 722 \end{array}$	$\begin{array}{c} 739 \\ 720 \end{array}$	$\frac{737}{718}$	$735 \\ 716$	$\begin{array}{c} 734 \\ 714 \end{array}$	$\begin{array}{c} 732 \\ 712 \end{array}$	$\begin{array}{c} 730 \\ 710 \end{array}$	$\begin{array}{c} 728 \\ 708 \end{array}$	$\begin{array}{c} 726 \\ 707 \end{array}$	2 2	
3 4		705	703	701	699	697	695	693	691	689	687	2	
5		685	683	681 662	680 660	678	676	674	672	670	668	2	
6 7		$\frac{666}{647}$	664 645	643	641	658 6 <b>8</b> 9	$\begin{array}{c} 656 \\ 637 \end{array}$	$\begin{array}{c} 655 \\ 635 \end{array}$	$\frac{653}{633}$	651 631	$\begin{array}{c} 649 \\ 630 \end{array}$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	,
8		628	626	624	622	620	618	616	614	612	610	2	
9		608	606	005	603	601	599	597	595	593	591	2	
2260		589	587	585	583	581	580	578	576	574	572	2	
1		070	568	566	564	562	560	558	557	555	553	2	
2 3		551 532	549 530	647 528	$\frac{545}{526}$	$\begin{array}{c} 543 \\ 524 \end{array}$	$\begin{array}{c} 541 \\ 522 \end{array}$	539 520	$\frac{537}{518}$	$\begin{array}{c} 535 \\ 516 \end{array}$	$\begin{array}{c} 533 \\ 514 \end{array}$	1 2	
3		612	610	600	507	505	503	501	499	497	495	2	
5		493	491	489	487	486	484	482	480	478	476	2	
6		474	472	470	468	466	464	463	461	459	457	2 2	
7 8		$\frac{455}{436}$	$\begin{array}{c} 453 \\ 434 \end{array}$	$\begin{array}{c} 451 \\ 432 \end{array}$	$\frac{449}{430}$	$\frac{447}{428}$	$\frac{445}{426}$	448	$\frac{441}{422}$	440 420	438 418	ī	
9		417	415	413	411	409	407	405	403	401	399	2	
2270		897	396	394	392	390	388	386	384	382	880	2	ĺ
1	i	378 359	$\frac{376}{357}$	374 365	373 353	$\frac{371}{852}$	369 350	$\begin{array}{c} 367 \\ 348 \end{array}$	365 346	$\begin{array}{c} 363 \\ 344 \end{array}$	$\frac{361}{342}$	2 2	
2 3		340	338	336	334	332	331	329	327	325	323	2	
4		321	319	317	315	318	311	309	308	300	304	2	
5		302	300	208	296	294	292	290	288	287	285	2	
6 7		283 264	281 262	279 260	277 258	275 256	$\frac{273}{254}$	$\frac{271}{252}$	269 250	268 248	$\frac{266}{247}$	2 2	l
8		245	243	241	239	237	235	233	231	229	227	1	l
ย		226	224	222	220	218	216	214	212	210	208	1	
2280		207	205	203	201	199	197 178	195 176	193 174	$\frac{191}{172}$	189 170	2 2	
1 2	l	187 168	186 167	184	182	180 161	159	157	155	153	151	2	
์ 8		149	148	146	144	142	140	138	186	134	132	2	Ì
4		130	128	127	125	128	121	119	117	115	113	2	
. 5		111	109	108	100	104	102	100	098	096	094	2	(
6	1	000	090	ORD	087	085	083 064	081 062	079 060	077 058	075 056	2 2	}
7 8		$073 \\ 054$	071 052	070 051	068 049	066 047	045	048	041	039	037	2	
ő		035	084	032	030	028	026	024	022	020	018	2	
2290		016	015	018	011	009	007	005	003		*999	2	
1 2	1 .42	997 979		994 - 975	992	990 971	988 969	967	984	963	980 961	1	
8	Į	960	977 958	973	954	952	950	948	946	944	943	2	
4		941	939	937	935	988	931	929	927	926	924	2	
5		922	920	918	916	914	912	910	908 890	907 888	905 886	2 2	
6 7		903 884	100 882	899 880	897 878	895 876	893 874	891 878	871	869	867	2	
8		865	863	861	859	857	856	854	852	850	848	2	
9		846	844	842	840	839	837	835	833	831	829	2	
2300		827	825	823	822	820	818	816	814	812	810	2	

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No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2300	-6	3 827	825	823	822	820	818	816	814	4 812	810	2	
1		808				801	799					2	
2 3		789 771			784 765	782 763	780 761	778 759				$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
4		752			746	744	742	740				2	
5	l	733		729	727	725	723	722	720			2	
6		714 695			708 690	707 688	705 686	703 684	$\frac{701}{682}$			2 2	
7 8	1	676	675	673	671	669	667	665	663	661	659	1	
9	İ	658	656	654	652	650	648	646	644	643	641	2	
2310	ĺ	639	637	635	633	631	629	628	626			2	
$\frac{1}{2}$		620 601	618 599	616 597	614 596	$\frac{612}{594}$	$\frac{611}{592}$	609 590	607 588			$\begin{vmatrix} 2\\2 \end{vmatrix}$	
2 3	İ	582	581	579	577	575	573	571	569	567	566	2	
4		564	562	560	558	556	554	552	551	549	547	2	
5 6	1	$\frac{545}{526}$	543 524	$\begin{array}{c} 541 \\ 522 \end{array}$	539 521	$\begin{array}{c} 537 \\ 519 \end{array}$	536 517	$\frac{534}{515}$	$\frac{532}{513}$		$\begin{array}{c} 528 \\ 509 \end{array}$	2 2	
7 8	l	507	506	504	502	500	498	496	494		491	2	
8		489	487	485	483	481	479	477	476		472	2	
9		470	468	466	464	462	461	459	457	455	453	2	
2320 1		$\begin{array}{c} 451 \\ 432 \end{array}$	449 431	$\frac{447}{429}$	446	444	442	440	438	436	434	2	
2		414	412	410	$\begin{array}{c} 427 \\ 408 \end{array}$	$\begin{array}{c} 425 \\ 406 \end{array}$	$\frac{423}{404}$	421 403	419 401	418 399	$\frac{416}{397}$	2 2	
3	ŀ	395	393	391	389	388	386	384	382	380	378	2	
4		376	375	373	371	369	367	365	363	361	360	2	
5 6		358 339	$\frac{356}{337}$	354 335	$\begin{array}{c} 352 \\ 333 \end{array}$	$\begin{array}{c} 350 \\ 332 \end{array}$	348 330	$\frac{346}{328}$	345 326	343 324	$\frac{341}{322}$	2	
7	}	320	318	317	315	$\frac{332}{313}$	311	309	307	305	304	2 2	
. 8		302	300	298	296	294	292	291	289	287	285	2	
9		<b>2</b> 83	<b>2</b> 81	279	277	276	274	272	270	268	266	2	
2330 1		$264 \\ 246$	$\begin{array}{c} 263 \\ 244 \end{array}$	$\frac{261}{242}$	$\frac{259}{240}$	257	255	253	251	249	248	2	
2		227	$\begin{array}{c} 244 \\ 225 \end{array}$	223	$\begin{array}{c} 240 \\ 222 \end{array}$	$\begin{array}{c} 238 \\ 220 \end{array}$	$\frac{236}{218}$	$\begin{array}{c} 235 \\ 216 \end{array}$	$\frac{233}{214}$	$\begin{array}{c} 231 \\ 212 \end{array}$	$\frac{229}{210}$	2	İ
3		209	207	205	203	201	<b>199</b>	197	195	194	192	2	
4		190	188	186	184	182	181	179	177	175	173	2	
5		171	169	168	166	164	162	160	158	156	155	2	
6 7		$\begin{array}{c} 153 \\ 134 \end{array}$	$151 \\ 132$	$\frac{149}{130}$	$\frac{147}{129}$	$\frac{145}{127}$	$143 \\ 125$	$\begin{array}{c} 142 \\ 123 \end{array}$	$\frac{140}{121}$	$\frac{138}{119}$	$\begin{array}{c} 136 \\ 117 \end{array}$	2 1	
8		116	114	112	110	108	106	104	103	101	099	2	
9		097	095	093	091	090	088	086	084	082	080	2	
2340 1		078 060	077 058	075	078	071	069	067	065	064	062	2	
2		041	039	056 038	054 036	$\begin{array}{c} 052 \\ 034 \end{array}$	$\begin{array}{c} 051 \\ 032 \end{array}$	049 030	$\begin{array}{c} 047 \\ 028 \end{array}$	045 026	043 025	2 2	j
3		023	021	019	017	015	014	012	010	008	006	2	
4		004	002	001 >	k999 ×	k997	*995	k993 :	*991	*989	*988	2	
5 6	·62	986 967	984 965	982 963	980	978	976	975	973	971	969	2	- 1
7		949	947	945	$962 \\ 943$	960 941	$\begin{array}{c} 958 \\ 989 \end{array}$	$\begin{array}{c} 956 \\ 938 \end{array}$	954 936	$\begin{array}{c} 952 \\ 934 \end{array}$	951 9 <b>32</b>	2 2	1
8		930	928	926	925	923	921	919	917	915	91.4	2	
9		912	910	908	906	904	902	901	899	897	895	2	
2350		893	891	890	888	886	884	882	880	878	877	2	
100													

0.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
50	.62	898	891	890	888	886	884	882	880	878	877	2	
1.		875	873	871	869	867	866	864	862	860	858	2	
2	1	866	854	853	851	849	847	845	843	841	840	2	
3 4		838 819	836 818	$\frac{834}{816}$	$\frac{832}{814}$	$\begin{array}{c} 830 \\ 812 \end{array}$	829 810	827 808	825 806	823 805	$\begin{array}{c} 821 \\ 803 \end{array}$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
5		801	799	797	795	794	792	790	788	786	784	2	
6	}	782	781	779	777	775	773	771	770	768	766	2	
7	1	764	762	760	759	757	755	753	751	749	747	ī	
8		746	744	742	740	738	736	735	733	731	729	2	
9		727	725	724	722	720	718	716	714	712	711	2	
60		709	707	705	703	701	700 681 663 644 626	098	696	694	692	2	
1		690	089	687	685	683	681	679	078	676	674	2	
2 3		$\frac{672}{654}$	$\begin{array}{c} 670 \\ 652 \end{array}$	$\begin{array}{c} 668 \\ 650 \end{array}$	666 648	665 646	663 644	$\begin{array}{c} 661 \\ 643 \end{array}$	$\begin{array}{c} 659 \\ 641 \end{array}$	65 <b>7</b> 639	$\frac{655}{637}$	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	
4		635	633	632	630	628	626	624	622	621	619	2	
5		617	615	613	011	610	608	606	604	602	600	1	
6		899	597	595 577	593	591	589	588	586	584	582	2	
7 8	1	580 562	578 500	558	575 556	578 554	571 553	569 551	$\begin{array}{c} 507 \\ 549 \end{array}$	565	564 545	2 2	
9		543	542	540	588	536	584	532	531	529	527	2	
70		525	528	522	520	518	516		512	511	509	2	
1	l	507	505	508	100	500	498	496	494	492	490	1	
2 8	1	489 470	487 408	$\frac{485}{467}$	$\frac{488}{465}$	481 468	479 461	478 459	$\frac{476}{457}$	$\frac{474}{456}$	$\frac{472}{454}$	2 2	•
4		452	450	448	446	445	448	441	439	437	485	ī	
8		434	432	430	428	426	424	428	421	419	417	2	
6		415	414	412	410	408 390	406 388	404	403	401	399 149	2	
7 8		$\frac{397}{379}$	395 377	393 875	392 373	372	370	386 368	384 366	382 864	381 862	2	
9		361	359	857	355	363	851	350	348	846	344	2	
80		342	340	339	337	335	883 815	881	330	328	326	3	
1 2		$\begin{array}{c} 324 \\ 200 \end{array}$	322 304	320 302	319 300	317 299	315 297	313 295	311 293	309 291	308 289	2	
8	1	288	286	284	282	380	278	277	275	373	271	2	
4		209	208	200	204	262	260	258	257	255	253	2	
5	}	251	249	34R	246	244	242 224 206 187 169	240	238	237	285	2	
6	1	288	281 218	229	227 209	226	224 206	222 204	220 202	218 200	$\frac{217}{198}$	2 1	
8		197	195	211 198	191	207 180	187	186	184	182	180	2	
9		178	177	175	173	171	169	167	166	164	162	2	
90		160	158	157	155	153 135	151	149	147	146	144	2	
1	l	142	140	138	137	135	133 115	131	129	128	126	2	
2	1	$\frac{124}{106}$	104	102	100	098	097	095	093	$\begin{array}{c} 109 \\ 091 \end{array}$	108 089	2	
4		оня	086	084	082	080	079	077	075	073	071	2	
5		069	068	066	064	062	060	059	057	055	058	2	
6		051	050	048	046	044	042	040	089	037	035	2	
7 8	1	033	031	030	028	026	024 006	022	021 002	019	017 *999	2 2	
9	-61	997	995	993	992	990	988	986	984	982	981	2	
00		979	977	975	978	972	970	968	966	964	963	2	
				-	-					-			344

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2400 1	·61 979 961	977 959		973 955		970 952			964 946		2 2	
2	943	941	939	937	935	934	932	930	928	926	1	
3 4	925 907	923 905		919 901	917 899	916 898		$912 \\ 894$	$910 \\ 892$	908 890	$\begin{array}{ c c }\hline 1\\2 \end{array}$	
5	888	887	885	883	881	879	878	876	874	872	2	
6 7	870 852	869 851	867 849	865 847	$863 \\ 845$	861 843	$860 \\ 842$	858 840	856 838	854 836	2	
8	834	833	831	829	827	825	824	822	820	818	$\begin{vmatrix} 2\\2 \end{vmatrix}$	
9	816	815	813	811	809	807	806	804	802	800	2	
2410	798	796	795	793	791	789	787	786	784	782	2	
$egin{array}{c} 1 \ 2 \end{array}$	780 762	778 <b>7</b> 60	777 759	775 757	$\begin{array}{c} 773 \\ 755 \end{array}$	771 753	769 751	768 750	$\begin{array}{c} 766 \\ 748 \end{array}$	$\begin{array}{c} 764 \\ 746 \end{array}$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
3	744	742	741	739	737	735	733	732	730	728	2	
4	726	724	723	721	719	717	715	714	712	710	2	
5	708	706	705	703	701	699	697	696	694	692	2	
6 <b>7</b>	690 672	$689 \\ 671$	$\frac{687}{669}$	685 667	$\frac{683}{665}$	681 663	680 662	678 660	$\frac{676}{658}$	674 656	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
8	654	653	651	649	647	645	644	642	640	638	2	
9	636	635	633	631	629	627	6 <b>26</b>	624	622	620	2	
2420	618	617	615	613	611	609	608	606	604	602	1	
$egin{array}{c} 1 \\ 2 \end{array}$	601 583	599 581	597 579	595 577	$\frac{593}{575}$	$\frac{592}{574}$	$\begin{array}{c} 590 \\ 572 \end{array}$	588 570	586 568	584 566	1 1	
3	565	563	561	559	557	556	554	552	550	549	2	
4	547	545	543	541	540	538	536	534	532	531	2	
5 6	529 511	527	525	523	522	520	518	516	515	513	2	
7	493	509 491	$\frac{507}{489}$	$\frac{506}{488}$	$\begin{array}{c} 504 \\ 486 \end{array}$	502 484	$\begin{array}{c} 500 \\ 482 \end{array}$	498 480	$\frac{497}{479}$	$\frac{495}{477}$	2 2	'
8	475	473	472	470	468	466	464	463	461	459	2	
9	457	455	454	452	450	448	447	445	443	441	2	
2430	439	438	436	434	432	430	429	427	425	423	1	
1 2	422 404	420 402	418 400	416 <b>3</b> 98	$\frac{414}{397}$	413 395	$\frac{411}{393}$	409 391	$\frac{407}{389}$	405	1	
3	<b>3</b> 86	384	382	380	379	377	375	373	372	388 370	2 2	ĺ
4	368	366	364	363	361	359	357	<b>3</b> 55	354	352	2	
5	350	348	347	345	343	341	339	338	336	334	2	
6 <b>7</b>	$\frac{332}{314}$	$\frac{330}{313}$	$\frac{329}{311}$	$\begin{array}{c} 327 \\ 309 \end{array}$	$\begin{array}{c} 325 \\ 307 \end{array}$	323 306	$\begin{array}{c} 322 \\ 304 \end{array}$	320	318	316	2	
8	297	295	293	291	290	288	286	$\begin{array}{c} 302 \\ 284 \end{array}$	$\begin{array}{c} 300 \\ 282 \end{array}$	$\begin{array}{c} 298 \\ 281 \end{array}$	1 2	
9	279	277	275	273	272	270	268	266	265	263	2	
2440	261	259	257	256	254	252	250	249	247	245	2	
1 2	243 225	$\begin{array}{c} 241 \\ 224 \end{array}$	$\begin{array}{c} 240 \\ 222 \end{array}$	$\begin{array}{c} 238 \\ 220 \end{array}$	236	234	233	231	229	227	2	
3	208	206	204		218 201	$\begin{array}{c} 217 \\ 199 \end{array}$	$\begin{array}{c} 215 \\ 197 \end{array}$	$\begin{array}{c} 213 \\ 195 \end{array}$	$\begin{array}{c} 211 \\ 193 \end{array}$	$\frac{209}{192}$	1 2	l
4	190	188	186	185	183	181	179	177	176	174	2	
5	172	170	169	167	165	163	161	160	158	156	2	
6	154 137	$\frac{153}{135}$	151 133	149	147	145	144	142	140	138	1	į
8	119	117	115	131 114	$\frac{130}{112}$	$\begin{array}{c} 128 \\ 110 \end{array}$	$\frac{126}{108}$	$\begin{array}{c} 124 \\ 106 \end{array}$	$\frac{122}{105}$	121 103	2 2	9
9	101	099	098	096	094	092	090	089	087	085	2	ĺ
2450	083	082	080	078	076	075	073	071	069	067	1	ĺ

Subtract Proportional Parts.

COLOGS
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2400 - 2500

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2450	-61 083	082	080	078	076	075	073	071	069	067	1	
1.	066	064	062	060	059	057	055	053	051	050	2	
2	048	046	044	043	041	039	037	036	034	032	2	
3	030	028	027	025	023	021	020	018	016	014	1	
4	013	011	009	007	005	004	002	000	*998	*997	2	
5	-60 995	993	991	990	988	986	984	982	981	979	2	
6	977 959	$\frac{975}{958}$	974 956	972	970	968	967	965	963	961	2	1
7 8	942	940	938	$\frac{954}{937}$	952 935	951	949	947	945	944	2	1
9	924	022	921	919	917	933 915	$\frac{931}{914}$	$\begin{array}{c} 929 \\ 912 \end{array}$	928 910	926 908	2 2	
2460	906	905	903	901							)	
2400	889	887	RRS	884	899 882	898	896	894	892	891	2	1
2	871	869	868	866	864	880 862	878 861	876	875	873	2	1
รื	854	852	850	848	847	845	843	859 841	857 839	855	1	i
4	836	834	832	831	829	827	825	824	822	838	2	1
								0.49	تيندا	820	2	
5	818	817	815	813	811	809	808	806	804	802	1.	l i
6	801	790	797	705	7114	792	790	788	787	785	2	1
7	783	781	780	778	776	774	773	771	769	767	2	J .
8	705	764	762	700	758	757	755	753	751	750	2	
Ð	748	746	744	743	741	739	737	736	734	732	2	
2470	730	729	727	725	723	722	720	718	716	714	1	
1	713	711	709	707	706	704	702	700	699	697	2	] [
2	695	693	1102	600	880	686	685	683	681	679	1	1
3	078	676	674	672	671	669	667	665	664	662	2	
4	660	GBR	657	655	653	651	649	648	646	644	2	
5	642	641	639	637	635	634	632	630	628	627	2	
6	625	053	021	620	618	616	614	-613	-611	609	2	j <b>j</b>
7	607	don	604	602	600	599	597	595	593	592	2	1
8	500	ьин	តិនថ	686	583	581	579	578	576	574	3	} <b>}</b>
9	572	571	2.09	507	តបត	564	562	560	558	557	2	
2480	888	553	551	550	548	546	544	543	541	539	2	
1	537	636	534	532	630	529	527	525	523	522	2	í (
2	520	MIN	516	615	513	511	សម្រ	508	506	504	2	i 1
8	502	501	41111	4117	495	4 2) 4	492	490	488	487	2	ł "
4	485	433	481	480	478	476	474	473	471	469	2	1
5	467	400	464	462	460	459	457	455	453	452	2	
6	450	448	446	445	443	441	439	438	436	434	2	!
7	432	431	450	427	425	424	422	420	418	417	2	1
8	415	413	411	410	408	406	404	403	401	399	1	1
9	308	24 (4 e)	304	392	391	389	387	ឧឧឧ	384	382	2	
2490	380	117 H	377	375	378	371	370	368	366	364	1	
1	863	361	31.543	357	356	354	352	350	349	347	2	<b>!</b>
2	345	34.3	343	340	HEE	330	335	333	331	330	2	l [
3	828	14:246	324	323	321	319	317	316	314	312	2	i 1
4	310	209	307	305	303	302	300	298	296	295	2	] ]
8	293	291	281	HAE	286	284	288	281	279	277	1	
6	276	274	272	270	269	267	265	263	262	260	2	( I
7	258	256	255	253	251	249	248	246	244	242	1	] ]
S S	241	239	237	236	234	282	230	229	227	225	2	
9	223	43 43 43	220	218	216	215	213	211	209	208	2	

No.	0	1	2	3	4	5	6	7	8	9	D	P.P.
2500	·60 206					197				190	1	
$\frac{1}{2}$	189			183 166	$\begin{array}{c} 182 \\ 164 \end{array}$	180 163				$\begin{array}{c} 173 \\ 156 \end{array}$	2 2	
3	154		150	149	147	145	144	142	140	138	ī	
4	137	135	133	131	130	128	126	124	128	121	2	
5	119			114	112	111	109	107	105	104	2	
6 7	102 085			097 079	095 078	098 076	091 074	000 072	088 071	086 069	1 2	
8	067			062	060	059	057	055	053	052	2	
9	050	048	046	045	043	041	040	038	036	034	1	
2510	033		029	027	026	024	022	021	019	017	2	}
$\begin{array}{c c} 1 \\ 2 \end{array}$	015 59 998	014 996	012 995	010 998	$\begin{array}{c} 008 \\ 991 \end{array}$	989	005 988	008 986	001 984	000 982	1 2	
3	981	979	977	976	974	972	970	969	967	965	2	
4	963	962	960	958	957	955	958	951	950	948	2	
5	946	944	943	941	939	938	936	934	932	931	2	
6	929 912	$\frac{927}{910}$	925 908	924 907	922 905	920 903	919 901	917 900	916 898	913 896	1	
7 8	894	893	891	889	888	886	884	882	881	879	2 2	
9	877	875	874	872	870	869	867	865	863	862	2	
2520	860	858	856	855	853	851	850	848	846	844	1	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	843 825	841 824	839 822	838 820	886 819	834 817	832 815	881 818	829 819	827	2	
3	808	807	805	803	801	800	798	796	795	810 793	2 2	
4	791	789	788	786	784	782	781	779	777	776	2	
5	774	772	770	769	767	765	764	702	760	758	1	
6 7	757 739	755 788	753 736	$752 \\ 734$	750 738	$748 \\ 731$	$\frac{746}{729}$	745 727	748 726	$741 \\ 724$	2 2	
8	722	721	719	717	715	714	712	710	700	707	2	·
9	705	703	702	700	698	697	695	693	694	GUO	2	
2530	688 671	686	085	683	681	679	678	676	674	673	2	l
1 2	654	$\begin{array}{c} 669 \\ 652 \end{array}$	667 650	$\frac{666}{648}$	$\begin{array}{c} 664 \\ 647 \end{array}$	$\frac{662}{645}$	660 643	669 642	$\begin{array}{c} 657 \\ 640 \end{array}$	655 638	1 2	l
3	636	635	033	631	680	028	026	1124	623	621	3	ŀ
4	619	618	616	614	612	611	609	607	600	004	2	
5	602	600	599	597	595	594	592	590	бир	547	2	Į.
6 7	585 568	583 566	582 565	580 563	578 561	577 559	575 558	578 550	571	570	2	i i
8	551	549	547	546	544	542	541	839	884 887	553 535	2	ľ,
9	584	532	530	529	527	625	528	522	520	518	i	Į.
2540	517	515	513	511	510	508	506	505	503	501	1	Ĭ.
1 2	500 482	498 481	496 479	494	493	491	489	488	486	484	23	ľ
3	405	464	462	477 460	476 459	474 457	472 455	470 453	469 452	467	2 2	ł
4	448	447	445	443	441	440	488	436	435	433	3	
5	481	430	428	426	424	428	421	419	418	416	2	f
6 7	414 397	412 395	411	409	407	406	404	402	401	200	2	]
8	380	378	894 877	392 375	390 373	389 372	387 870	are Bur	EME	SHE	2	j
9	863	361	860	358	356	354	858	351	366 349	365 348	2 2	
3550	346	844	343	841	339	337	336	334	332	331	2	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2550 1 2 3 4	-29	346 329 312 295 278	344 327 310 293 276	343 326 309 202 275	341 324 307 290 273	339 322 305 288 271	337 320 303 286 269	336 319 302 285 268	334 317 300 283 266	332 315 298 281 264	331 314 297 280 263	2 2 2 2 2 2	
5 6 7 8 9		261 244 227 210 193	250 242 225 208 191	258 241 224 207 190	256 239 222 205 188	254 237 220 203 186	252 285 218 201 184	251 284 217 200 183	249 232 215 198 181	247 230 213 196 179	246 229 212 195 178	2 2 2 2 2	
2560 1 2 3 4		176 159 142 125 108	174 157 140 123 107	173 166 139 122 105	171 154 137 120 103	169 152 135 118 101	168 151 134 117 100	166 149 132 115 098	164 147 130 113 096	162 145 129 112 095	161 144 127 110 093	2 2 2 2 2 2	
5 6 7 8 9		$091 \\ 074 \\ 057 \\ 040 \\ 024$	090 073 056 039 022	088 071 054 037 020	086 069 052 035 019	084 068 051 084 017	083 066 049 032 015	081 064 047 080 013	079 062 046 029 012	078 061 044 027 010	076 059 042 025 008	2 2 2 1 1	
2570 1 2 3 4	84.	007 990 973 956 939	005 988 971 954 937	003 986 970 953 936	002 985 968 951 934	000 983 966 949 932	*998 981 964 948 931	*997 980 963 946 929	*995 978 961 944 927	*903 976 959 948 926	*991 975 958 941 924	1 2 2 2 2	
5 6 7 8 9		022 005 880 872 855	921 904 887 870 853	919 902 885 868 861	917 900 884 867 850	916 899 882 865 848	914 897 880 863 846	912 895 878 862 845	910 894 877 860 848	909 892 875 858 841	907 890 873 857 840	2 1 1 2 2	
2580 1 2 3 4		838 821 804 788 771	836 820 803 786 769	835 818 801 784 767	833 816 700 783 766	831 814 798 781 764	830 813 706 779 762	828 811 794 777 761	826 809 793 776 759	825 808 791 774 757	823 806 789 772 756	2 2 1 1 2	
5 6 7 8 9		754 737 720 704 687	752 785 719 702 685	751 734 717 700 683	749 782 715 699 682	747 730 714 697 680	746 729 712 695 678	744 727 710 694 677	742 725 709 692 675	741 724 707 690 673	789 722 705 688 672	2 2 1 1 2	
2590 1 2 3 8 4		670 653 637 620 603	668 685 618 601	667 650 633 616 600	665 648 631 615 598	663 647 630 613 596	662 645 628 611 595	660 643 626 610 593	658 642 625 608 591	657 640 623 606 590	655 638 621 605 588	2 1 1 2 2	
5 7 8 9		586 570 553 536 519	585 568 551 534 518	683 666 649 633 616	581 565 548 531 514	580 563 546 529 513	578 561 544 528 511	576 559 543 526 509	575 558 541 524 508	578 556 539 523 506	571 554 538 521 504	1 1 2 2 1	
2600		503	501	499	498	496	494 portions		491	489	488	2	107

No.   O   1   2   3   4   5   6   7   8   9   D.   P.P.													
1	No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1	2600	-58 503	3 5 <b>01</b>	499	498	496	494	493	491	489	488	2	
\$\frac{4}{4}		486	484	483	481							2	1
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T	5												
\$   \$80   \$80   \$86   \$364   \$383   \$364   \$359   \$358   \$358   \$358   \$349   \$348   \$346   \$344   \$343   \$341   \$339   \$338   \$2  2610   \$36   \$34   \$333   \$331   \$329   \$328   \$326   \$324   \$323   \$321   \$2  1   \$319   \$318   \$316   \$314   \$313   \$311   \$309   \$308   \$306   \$304   \$1\$   \$2\$   \$303   \$301   \$299   \$298   \$296   \$204   \$203   \$297   \$280   \$288   \$288   \$284   \$283   \$279   \$278   \$276   \$274   \$273   \$271   \$271   \$271   \$273   \$271   \$271   \$273   \$271   \$271   \$273   \$271   \$271   \$273   \$271   \$271   \$273   \$271   \$271   \$273   \$271   \$271   \$273	6											2	}
2610	1 7												
1   319   318   316   314   313   311   309   308   306   304   1   2   303   301   299   298   296   294   293   291   289   288   2   2   2   2   2   2   2   2	9												
2   303 301 299 298 296 294 293 291 289 288 2   2   3   286 284 288 281 279 278 276 274 273 271 2   2   4   269 268 266 264 263 261 259 258 256 254 1   1   5   253 251 250 248 246 245 243 241 240 238 2   2   6   236 285 233 231 230 228 226 295 223 291 1   7   220 218 216 215 213 211 210 208 206 205 2   2   8   203 201 200 188 196 195 191 190 188 2   9   186 185 183 181 180 178 177 175 173 172 2   2   2   2   2   2   2   2   2   2												2	
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1													
6         236         236         238         231         230         218         216         215         213         211         210         208         206         205         2         2         220         218         216         215         213         211         210         208         205         2													
7         220         218         216         215         213         211         210         208         206         205         2           8         203         201         200         198         196         193         191         190         188         2           9         186         185         183         181         180         178         177         175         173         172         2           2620         170         108         167         165         163         162         160         158         157         155         2           1         153         152         150         148         147         146         143         142         140         138         1           2         137         135         133         132         130         128         127         125         128         122         2           4         104         102         100         099         097         095         094         092         090         080         2           5         087         085         084         082         080         079         077         075 <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>238</td> <td>2</td> <td></td>	5										238	2	
8         203         201         200         198         196         195         193         191         190         188         2           2620         170         168         167         165         163         162         160         158         157         155         2           1         153         152         150         148         147         145         143         142         140         138         1           2         137         135         138         132         130         128         127         125         128         122         2           3         120         119         117         115         114         112         110         109         107         105         1           4         104         102         100         099         097         096         094         092         090         080         080         2           5         087         085         084         082         080         077         075         074         072         1           6         071         069         067         066         064         002         061 <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	6												
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1       .57       988       986       985       983       981       980       978       976       975       973       2         2       971       970       968       960       965       963       902       900       958       957       2         3       955       953       952       950       948       947       945       943       942       940       2         4       938       937       935       933       932       930       929       927       925       924       2         5       922       920       919       917       915       914       912       910       900       907       2         6       905       904       902       901       899       897       896       894       802       891       2         7       889       887       886       884       882       881       879       877       876       874       1         8       873       871       869       808       800       864       863       843       848       846       844       844       844       844       841													
2 971 970 968 966 965 963 962 960 958 957 2 3 955 953 962 950 948 947 945 943 942 940 2 988 937 935 938 932 930 929 927 925 924 2 5 922 920 919 917 915 914 912 910 909 907 2 95 924 2 7 889 887 886 884 882 881 879 877 876 874 1 887 873 871 869 868 866 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 864 863 861 863 861 863 863 863 863 863 863 863 863 863 863													
3         955         953         952         950         948         947         945         943         942         940         2           4         938         937         935         933         932         930         929         927         925         924         2           5         922         920         919         917         915         914         912         910         909         907         2           6         905         904         902         901         899         897         896         894         892         891         2           7         889         887         886         884         882         881         879         876         874         1           8         873         871         869         868         860         864         863         863         863         864         863         864         863         864         863         864         864         864         864         864         864         864         864         864         864         864         864         864         864         864         864         864         864         <												2	
4         938         937         935         938         932         930         929         927         925         924         2           5         922         920         919         917         915         914         912         910         900         907         2           6         905         904         902         901         809         897         896         894         802         801         2           7         889         887         886         884         882         881         879         877         876         874         1           8         873         871         869         808         866         864         863         861         848         846         848         848         848         841         1           2         856         854         853         833         831         830         828         826         825         833         831         830         828         826         825         823         833         831         830         828         826         825         833         831         830         828         826         825         <													
6 905 904 902 901 899 897 896 894 892 891 2 7 889 887 886 884 882 881 879 877 876 874 1 8 873 871 869 868 866 864 863 861 864 863 861 869 868 861 9 9 856 854 853 851 849 848 846 845 843 841 1  2640 840 888 836 835 833 831 830 838 836 835 833 81 812 810 808 1 2 807 805 803 802 800 799 797 795 794 792 2 3 790 789 787 785 784 782 780 779 777 775 1 4 774 772 771 769 767 766 764 762 761 759 2 5 757 756 754 753 751 749 748 746 744 743 2 6 741 739 738 736 734 733 731 730 738 736 1 7 725 723 721 720 718 716 715 713 711 710 2 8 708 707 705 703 702 700 698 697 695 693 1 9 692 690 689 687 685 684 682 680 679 677 2													Í
7 889 887 886 884 882 881 879 877 876 874 1 8 873 871 869 868 866 864 863 861 861 868 868 86 2 2 8 8 8 8 8 8 8 8 8 8 8 8	5											2	J
8 873 871 869 868 866 864 863 861 860 864 863 861 860 868 864 863 861 1 1 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	7												l
9     856     854     853     851     840     848     846     845     843     841     1       2640     840     838     836     835     833     831     830     828     826     825     823     820     818     817     815     813     812     840     808     1       2     807     805     803     802     800     799     797     795     704     792     2       3     790     780     787     785     784     782     780     779     777     773     1       4     774     772     771     760     767     766     764     762     761     759     2       5     757     756     754     753     751     740     748     746     744     743     2       6     741     730     738     736     734     733     731     730     738     736     734     733     731     730     738     736     734     733     731     730     738     736     734     733     731     730     738     736     734     733     731     730     738     736 <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>į,</td>	8												į,
1 828 822 820 818 817 815 813 812 810 808 1 2 807 805 803 802 800 799 797 795 794 792 2 3 790 780 787 785 784 782 780 779 777 775 1 774 772 771 769 767 766 764 762 761 759 2 3 757 775 725 728 721 720 718 718 718 718 718 718 718 718 718 718	Đ												l
2 807 805 803 802 800 799 797 795 794 792 2 3 790 789 787 785 784 782 780 779 777 775 1 774 772 771 769 767 766 764 762 761 759 2 5 757 756 754 753 751 740 748 746 744 743 2 6 741 739 738 736 734 733 731 730 738 726 1 7 725 723 721 720 718 716 715 713 711 710 2 8 708 707 705 703 702 700 698 697 695 693 1 9 692 690 689 687 685 684 682 680 679 677 2					835	833	831	880	нцн	<b>H26</b>	825	2	1
8     790     780     787     785     784     782     780     779     777     775     1       4     774     772     771     769     767     766     764     762     761     759     2       5     757     756     754     753     751     740     748     746     744     743     2       6     741     730     738     736     734     733     731     730     728     724     1       7     725     723     721     720     718     716     715     713     711     710     2       8     708     707     705     703     702     700     698     697     695     693     1       9     692     690     689     687     686     684     682     680     679     677     2												1	- 1
4 774 772 771 769 767 766 764 762 761 759 2 5 757 756 754 753 751 749 748 746 744 743 2 6 741 739 738 736 734 738 731 730 738 734 1 7 725 723 721 720 718 716 715 713 711 710 2 8 708 707 705 703 702 700 698 697 695 693 1 9 692 690 689 687 685 684 682 680 679 677 2													
6 741 739 738 736 734 783 731 730 738 734 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7													
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8 708 707 705 703 702 700 698 697 695 693 1 692 690 689 687 685 684 682 680 677 677 2												1	į
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	643	641	639	638	636	634	633	631	$\begin{array}{c} 646 \\ 630 \end{array}$	$\begin{array}{c} 644 \\ 628 \end{array}$	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	1
	626	625	623	621	620	618	616	615	613	612	2	i
	610	608	607	605	603	602	600	598	597	595	ī	
	594	502	590	589	587	585	584	582	580	579	2	}
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	545	543	541	540	538	536	535	$\begin{array}{c} 549 \\ 533 \end{array}$	531	546 530	1 2	
	628	527	625	523	622	520	618	517	515	513	ĩ	1
	512	610	509	507	505	504	502	500	400	497	1	1
	496	494	492	191	489	487	486	484	482	481	2	
	$\frac{479}{463}$	$\frac{478}{461}$	$\frac{476}{460}$	474 458	$\frac{473}{456}$	$\frac{471}{455}$	$\frac{469}{453}$	$\begin{array}{c} 468 \\ 451 \end{array}$	$\frac{466}{450}$	465 448	2 1	•
	447	445	443	442	440	438	437	435	434	432	2	
	430	429	427	425	424	422	421	419	417	416	2	
	414	412	411	4()9)	407	406	404	403	401	399	1	
	398	396	394	393	391	390	388	386	385	383	2	
	381 365	380 364	378 362	$\frac{377}{360}$	375 359	373 357	372 365	$\begin{array}{c} 370 \\ 354 \end{array}$	$\begin{array}{c} 368 \\ 352 \end{array}$	367 351	2 2	
	349	317	346	344	842	841	339	337	336	334	1.	
	333	331	329	328	326	324	323	321	820	318	3	
	316	315	313	311	310	308	307	305	303	302	2	
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	268	266	264	263	261	260	258	256	255	253	2	
	251	250	248	247	246 229	243 227	242 225	240 224	23H 222	$\frac{237}{221}$	2 2	
	235 219	234 217	282 216	$\frac{230}{214}$	212	211	209	208	206	204	1	
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	187	185	188	182	180	178	177	175	174	172	2	
	170	169	167	105	164	162 146	161	159 143	157	156	2 2	
	154	158 136	151 135	$\frac{149}{133}$	148	130	128	127	$\frac{141}{125}$	$\frac{140}{123}$	1	
	122	120	119	117	115	114	112	110	109	107	i	
	100	104	102	101	099	097	096	094	098	091	2	
1	080	880	ONG	085	083	081	080	078	076	075	2	
	073	073	$070 \\ 054$	880 260	067 051	065 049	064 047	062	060 044	059 048	2 2	
	$\begin{array}{c} 057 \\ 041 \end{array}$	840 880	038	036	034	033	031	080	028	026	ĩ	
	025	023	022	020	01H	017	015	013	012	010	1	
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.56	992	991	ยสย	888	986	984	983	981	980	978	2 2	
	976 980	975 959	973 957	$\begin{array}{c} 972 \\ 955 \end{array}$	970 954	968 952	$\begin{array}{c} 967 \\ 951 \end{array}$	965 949	247 263	962 946	2	
	944	943	941	939	938	936	984	933	931	930	2	
	928	926	925	923	922	920	918	917	915	914	2	
-	912	910	909	907	905	904	902	901	899	897	1	
	890 880	894 878	893 87 <b>6</b>	891 875	889 873	888 872	886 870	885 868	883 867	881 865	1 1	
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1	4	799				793	791			786		2	
1	5	783			778	777	775			770		2	
	6	767			762	761	759 743		756	754		2	
1	<b>7</b> 8	751 735			746 730	$745 \\ 729$	727			$738 \\ 722$		$\begin{bmatrix} 2 \\ 2 \end{bmatrix}$	
	9	719			714	713	711		708	706		2	
1	2710	703		700	698	697	695		692		689	2	
	1	687 671			$\frac{682}{666}$	$\begin{array}{c} 681 \\ 665 \end{array}$	679 663		676	674	673	2	
1	2 3	655			650	649	647		$\begin{array}{c} 660 \\ 644 \end{array}$	$\begin{array}{c} 658 \\ 642 \end{array}$	$657 \\ 641$	$\begin{vmatrix} 2\\2 \end{vmatrix}$	
	4	639		636	634	633	631		628	626	625	2	
	5	623		620	618	617	615	613	612	610	609	2	
1	6 7	607 591		604 588	602 586	$\begin{array}{c} 601 \\ 585 \end{array}$	599 583	597 581	596 580	594 578	593 577	$\begin{vmatrix} 2\\2 \end{vmatrix}$	
1	8	575		572	570	569	567	565	564	562	561	2	
	9	559	55 <b>7</b>	<b>5</b> 56	554	553	551	549	548	546	545	2	
2	2720	543		540	538	537	535	534	532	530	529	2	
1	1 2	527 511		$\frac{524}{508}$	$\begin{array}{c} 522 \\ 506 \end{array}$	$\begin{array}{c} 521 \\ 505 \end{array}$	519 503	$\frac{518}{502}$	516 500	$\frac{514}{498}$	$\begin{array}{c} 513 \\ 497 \end{array}$	$\begin{vmatrix} 2 \\ 2 \end{vmatrix}$	
	3	495	494	492	490	489	487	486	484	482	481	2	
	4	479	478	476	475	473	471	470	468	467	465	2	
	5 6	463 447	462	460	459	457	455	454	452	451	449	2	
1	7	431	446 430	444 428	$\frac{443}{427}$	$\begin{array}{c} 441 \\ 425 \end{array}$	439 424	$\frac{438}{422}$	$\frac{436}{420}$	$\frac{435}{419}$	$\frac{433}{417}$	$egin{array}{c c} 2 & 1 \\ 1 & \end{array}$	- 1
l	8	416	414	412	411	409	408	406	404	403	401	i	
	9	400	398	396	395	393	392	390	389	387	385	1	ļ
2	730	384	382	381	379	377	376	374	373	371	369	1	• 1
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ı	3	336	334	333	331	330	328	327	325	323	322	2	j
	4	320	319	317	315	314	312	311	309	307	306	2	- 1
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	8	257	255	253	252	250	249	$\frac{203}{247}$	246	$\frac{200}{244}$	$\begin{array}{c} 258 \\ 242 \end{array}$	1 1	[
	9	241	239	238	<b>2</b> 36	234	233	231	230	228	227	2	
2	740	225 209	223 208	222	220	219	217	215	214	212	211	2	1
l	2		$\frac{208}{192}$	$\frac{206}{190}$	$\begin{array}{c} 204 \\ 189 \end{array}$	$\begin{array}{c} 203 \\ 187 \end{array}$	$\begin{array}{c} 201 \\ 185 \end{array}$	$\begin{array}{c} 200 \\ 184 \end{array}$	198	196	195	2	- 1
	3	177	176	174	173	171	170	168	182 166	$\begin{array}{c} 181 \\ 165 \end{array}$	179 163	$\frac{2}{1}$	1
	4	162	160	158	157	155	154	152	151	149	147	i	
	5	146 130	144	143	141	139	138	136	135	133	132	2	
	7	114	$\frac{128}{113}$	$\begin{array}{c} 127 \\ 111 \end{array}$	$\begin{array}{c} 125 \\ 109 \end{array}$	$\frac{124}{108}$	$\begin{array}{c} 122 \\ 106 \end{array}$	$\frac{120}{105}$	11 <b>9</b> 103	117	116	2	- 1
	8	098	097	095	094	092	090	089	087	101 086	100 084:	2	- 1
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27	750	067	065	064	062	060	059	057	056	054	053	2	
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051         049         048         046         045         043         041         040         038         037           035         034         032         030         029         027         026         024         023         021           019         018         016         015         013         011         010         008         007         005           004         002         000         *999         *997         *996         *994         *993         *991         *989           988         986         985         983         982         980         978         977         975         974           972         971         969         967         966         964         963         961         959         958           956         955         953         952         950         948         947         945         944         942           941         930         937         936         934         933         931         930         928         926           925         923         922         920         919         917         915         914         912	D. P.P.		2	2	1	2	1 1 1	2	1	2		3   1	1 1		1 2						3 1		2   1		'   2						2 1 2 2 2 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 1 2 2 3 1 1 1 1					2 1 2 1 3 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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067         065         064         062         060         059           051         049         048         046         045         043           035         034         032         030         029         027           019         018         016         015         013         011           004         002         000         *999         *997         *996           988         986         985         983         982         980           972         971         969         967         966         964           956         955         953         952         950         948           941         939         937         936         934         933           925         923         922         920         919         917           900         908         906         904         903         901           893         892         890         889         887         886           878         876         874         873         871         870           802         860         869         857         866         854	6	entre or or	026 010	978	947	915	884	852	821	790		727			649		$\begin{array}{c} 633 \\ 617 \end{array}$	617 602	617	586 571 555	617 602 586 571	517 602 586 571 555 539	502 586 571 555 539 524 508 498	502 586 571 555 539 524 508 493 477	517 602 586 571 555 539 524 508 498 477 461	517 602 586 571 555 539 524 508 498 477 461	517 502 586 571 555 539 524 508 497 461 446	517 502 586 571 555 539 524 508 497 461 446 486 415	517 502 586 571 555 539 508 493 477 461 446 415 899	517 502 586 571 555 539 524 508 497 461 446 486 415	517 602 586 575 539 524 508 498 477 446 415 899 386 888	517 602 581 585 589 589 598 477 461 446 415 899 384 368 852	617 60 86 571 555 539 524 508 477 446 486 486 486 486 884 868 852	617 60 8715594 6575594 698774616 44694469 4159448 85848 85873	517 60 8 575 589 508 508 508 508 508 508 508 508	617 60 8715594 6575594 698774616 44694469 4159448 85848 85873
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067 065 064 062 051 049 048 046 035 034 032 030 019 018 016 015 004 002 000 *999 988 986 985 983 972 971 969 967 956 955 953 952 941 939 937 936 925 923 922 920 900 908 906 904 893 892 890 889 878 876 874 873 862 860 859 857 862 860 859 857 846 845 843 841 830 829 827 826 846 845 843 841 830 829 827 826 878 766 765 763 752 750 749 747 736 735 733 732 721 719 718 716 705 703 702 700 689 688 686 685	4	080	$029 \\ 013$	982	950	919	887	856	824	798		730			652		636 621	636 621 605	$\begin{array}{c} 636 \\ 621 \end{array}$	636 621 605 589 574 558	636 621 605 589 574	636 621 605 589 574 558 542	686 621 605 589 574 558 542 527	636 621 605 589 574 558 542 527 511 496 480	636 621 605 589 574 558 542 527 511 496 480	636 621 605 589 574 542 527 511 496 480 449	636 621 605 589 574 5527 511 496 480 464 449	636 621 605 689 674 658 642 627 611 490 464 449 438	636 621 605 674 6582 6527 6196 480 464 481 481 481 481 481 481 481	636 621 605 689 674 658 642 627 611 490 464 449 438	636 621 605 674 678 678 642 648 649 464 464 464 464 464 464 464 464 464	636 621 605 589 574 558 527 511 490 464 449 418 402 887 871	636 621 605 674 658 6527 611 496 440 444 4149 4184 402 8871 8871 840	636 621 600 674 674 652 610 640 440 438 440 440 438 440 45 460 460 460 460 460 460 460 460 460 460	636 621 600 574 574 575 511 690 490 490 490 490 490 490 490 490 490 4	636 621 600 674 674 652 610 640 440 438 440 440 438 440 45 460 460 460 460 460 460 460 460 460 460
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067 065 051 049 035 034 019 018 004 002 988 986 972 971 956 955 941 939 925 923 909 908 893 892 878 876 862 860 846 845 830 829 815 813 799 798 783 782 768 766 752 750 736 735 721 719 705 703 689 688	2	064	$\begin{array}{c} 032 \\ 016 \end{array}$	985	953	922	890	889	827	796		733			655 655		639 624	639 624 608	$\frac{639}{624}$	639 624 608 592 577 561	639 624 608 592 577	639 624 608 592 577 561 546	639 624 608 577 561 546 530	639 624 608 577 561 546 530 514 489 483	639 624 608 577 561 546 530 514 489 468	639 624 608 577 561 546 530 514 499 463 464 452	689 624 608 592 577 546 580 514 488 468 452	689 624 608 692 677 6646 680 614 488 468 468 452 486 481	689 624 608 692 677 6616 680 680 680 680 680 680 680 680 680 68	689 624 608 692 677 6646 680 614 488 468 468 452 486 481	689 624 608 577 561 546 580 5483 468 468 468 468 468 478 481 495 874	639 624 608 577 561 546 530 514 408 468 421 405 530 436 421 405 530 436 436 436 436 436 436 436 436 436 436	6394 624 608 6777 661 630 614 648 648 648 648 648 648 648 648 648 64	639 624 608 6777 661 653 614 688 4452 436 436 436 436 436 436 436 436 436 436	639 624 608 6777 6616 630 6149 6462 6462 6462 6462 6462 6462 6462 64	639 624 608 6777 661 653 614 688 4452 436 436 436 436 436 436 436 436 436 436
067 051 035 019 004 988 972 956 941 925 900 893 878 862 846 830 783 768 752 768 7786 786 786 786 786 786 786 786 78	1	065	$\begin{array}{c} 034 \\ 018 \end{array}$	986	955	928	892	860	829	798		735			656		641 625	625 610	625	625 610 594 578 563	625 610 594 578	625 610 594 578 568 547	625 610 594 578 543 547 582 516	625 610 594 578 563 547 582 516 500 485	594 578 563 547 582 516 500 485 469	625 610 594 578 547 582 516 500 485 469	525 510 594 578 547 582 516 500 485 469 454	525 510 524 578 568 547 582 516 500 485 469 454	525 510 524 578 547 582 516 500 485 469 454 422 407	525 510 524 578 568 547 582 516 500 485 469 454	525 510 594 578 547 582 516 500 485 469 469 469 484 422 407 891 876	625 610 594 508 547 548 547 516 500 485 469 454 422 407 891 876	525 510 578 578 547 532 516 540 485 484 484 427 891 876 845	625 610 578 578 578 547 5160 485 469 469 469 469 469 469 469 469 469 469	525 510 578 578 547 516 547 516 454 422 407 876 860 845 814	625 610 578 578 578 547 5160 485 469 469 469 469 469 469 469 469 469 469
	0	007	035 019	988	956	925	893	862	830	799		786			658		642	642 627 611	642 627	642 627 611 596 580 564	642 627 611 596 580	642 627 611 596 580 564 549	642 627 611 596 580 564 549 538	642 627 611 596 580 564 549 588 517 502 486	642 627 611 596 580 564 549 588 517 502 486 471	642 627 611 596 580 564 549 588 517 502 471 455	642 627 611 596 580 564 549 588 517 502 486 471 455	642 627 611 596 580 5649 588 517 502 486 471 455 440	642 627 611 596 580 564 549 588 517 502 486 471 456 424 408	642 627 611 596 580 5649 588 517 502 486 471 455 440	642 627 611 596 580 564 549 588 517 502 446 471 455 4408 393 377	642 637 611 596 580 564 548 517 502 445 445 440 440 440 8393 377	642 637 611 596 580 564 549 538 517 502 486 440 440 440 440 839 377 862	642 637 611 596 580 564 549 583 517 502 485 475 440 428 498 377 866 831	642 637 611 596 580 564 549 588 517 502 486 4715 4408 3377 862 846 8315	642 637 611 596 580 564 549 583 517 502 485 475 440 428 498 377 866 831

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2800	·55 284	283	281	280	278	276	275	273	272	270	1	
1	269	267	266	264	262	261	259	258	256	255	2	
2	253	252	250	249	247	245	244	242	241	239	1	
3	238	236	235	233	231	230	228	227	225	224	2	
4	222	221	219	218	216	214	213	211	210	208	1	
5	207	205	204	202	201	199	197	196	194	193	2	
6	191	190	188	187	185	183	182	180	179	177	1	
7	176	174	173	171	170	168	166	165	163	162	2	
8	160	159	157	156	154	153	151	149	148	146	1	
9	145	143	142	140	139	137	136	134	132	131	2	
2810	129	128	126	125	123	122	120	119	117	115	1	
1	114	112	111	109	108	106	105	103	102	100	2	
2	098	097	095	094	092	091	089	088	086	085	2	
3	083	081	080	078	077	075	074	072	071	069	1	
4	068	066	065	063	061	060	058	057	055	054	2	
5	052	051	049	048	046	044	043	041	040	038	1	,
6	037	035	034	032	031	029	027	026	024	023	2	
7	021	020	018	017	015	014	012	011	009	007	1	
8	006	004	003	001	000	*998	*997	*995	*994	*992	2	
9	•54 990	989	987	986	984	983	981	980	978	977	2	
2820 1 2 3 4	975 960 944 929 914	974 958 943 927 <b>912</b>	972 957 941 926 910	970 955 940 924 909	969 954 938 923 907	967 952 937 921 906	966 950 935 920 904	964 949 934 918 903	963 947 932 917 901	961 946 930 915 900	1 1 1 2	
5	898	897	895	894	892	890	889	887	886	884	1	
6	883	881	880	878	877	875	874	872	870	869	2	
7	867	866	864	863	861	860	858	857	855	854	2	
8	852	851	849	847	846	844	843	841	840	838	1	
9	837	835	834	832	831	829	827	826	824	823	2	
2830	821	820	818	817	815	814	812	811	809	808	2	
1	806	804	803	801	800	798	797	795	794	792	1	
2	791	789	788	786	785	783	781	780	778	777	2	
3	775	774	772	771	769	768	766	765	763	762	2	
4	760	758	757	755	754	752	751	749	748	746	1	
5	745	743	742	740	739	737	736	734	732	731	2	
6	729	728	726	725	723	722	720	719	717	716	2	
7	714	713	711	709	708	706	705	703	702	700	1	
8	699	697	696	694	693	691	690	688	687	685	2	
9	683	682	680	679	677	676	674	673	671	670	2	
2840	668	667	665	664	662	661	659	657	656	654	1	
1	653	651	650	648	647	645	644	642	641	639	1	
2	638	636	635	633	631	630	628	627	625	624	2	
3	622	621	619	618	616	615	613	612	610	609	2	
4	607	606	604	602	601	599	598	596	595	593	1	
5	592	590	589	587	586	584	583	581	580	578	1	
6	577	575	573	572	570	569	567	566	564	563	2	
7	561	560	558	557	555	554	552	551	549	548	2	
8	546	544	543	541	540	538	537	535	534	532	1	
9	531	529	528	526	525	523	522	520	519	517	1	
2850	516	514	512	511	509	508	506	505	503	502	2	

		0	1	2	3	4	5	6	7	8	9	D.	P.P.
	.54	516	514	512	511	509	508	506	505	503	502	2	
1		500	499	497	196	494	493	491	490	488	487	2	
ſ		485	484	482	480	479	477	176	474	473	471	1	
1		470 455	$\frac{468}{453}$	$\frac{467}{452}$	$\frac{465}{450}$	464	462	461	459	458	456	1	
Ì						449	447	445	444	445	441	2	
		439	438	436	435	433	432	430	429	427	426	2	
		424	423	400	420	418	417	415	414	412	410	1	
1		$\frac{409}{394}$	$\frac{407}{392}$	406 391	404 389	403 388	401 386	$\frac{400}{385}$	$\frac{398}{383}$	$\begin{array}{c} 397 \\ 382 \end{array}$	395 380	1 1	
		379	377	376	374	373	371	369	368	366	365	2	
		363	362	360	359	357	856	354	353	351	350	2	
-		848	347	345	344	342	341	339	338	336	335	2	
-		333	332	$\frac{330}{315}$	328 313	$\frac{327}{312}$	825 310	324 309	322 307	$\begin{array}{c} 321 \\ 300 \end{array}$	$\begin{array}{c} 319 \\ 304 \end{array}$	1 1	
١		303	301	300	298	207	295	294	292	291	289	ī	
		288	286	285	283	281	280	278	277	275	274	2	
		272	271	269	268	266	265	263	262	260	259	2	
ļ		267 242	$\frac{256}{241}$	254 239	253 238	$\frac{251}{236}$	250 235	$\frac{248}{233}$	$\frac{247}{231}$	$\frac{245}{230}$	244	2 1	
		227	226	224		221	210	218	216	215	213	i	
ļ		212	210	200	207	206	204	203	201	200	198	1	
		197	195	194	192	191	189	188	180	185	183	1	
1		182 166	180 165	179 163	177	$\frac{176}{160}$	174 159	173	171 156	$\frac{169}{154}$	$\frac{168}{153}$	2 2	
		151	150	148	147	145	144	142	141	139	138	2	
		136	135	138	132	130	129	127	126	124	123	2	
-		121	120 105	118	117	115 100	114 098	112	$\begin{array}{c} 111 \\ 095 \end{array}$	109 094	108 092	2	
		091	089	880	086	085	088	082	080	079	077	1	
		076	074	073	071	070	068	067	065	004	062	i	
		061	059	058	056	055	053	052	050	049	047	1	
		046	044	013 820	041	040 025	088 028	037	085 020	$034 \\ 019$	032 017	1	
		016	014	013	011	010	008	006	005	003	002	2	
				+997					*990			2	
	-53	986	984	082	981	979	978	976 961	975	973	972	2 2	
		970 955	969 954	96 <b>7</b> 952	966 951	964	963 948	946	960 945	958 943	957 942	2	
		940	939	937	936	984	933	931	980	928	927	2	
		925	924	922	921	919	918	916	915	913	912	3	
		910	909	907	906	904	903	901	900	898 888	897	2 2	
		898	894 879	892	891 870	889 873	888 873	886	885		882 867	2	
		865	864	862	861	859	858	856	855	853	852	2	
		850	849	847	846	H44	843	841	840	838	837	2	
		нав	834	832	831	829	828	826	825	823	822	2	
		820	819 kns	817	816	814	818 798	811 796	810 795	808 - 793	807 792	2 2	
		805 790	804 789	802 787	801 786	799 784	798 783	796	780	778	777	2	
		775	774	772	771	769	768	766	765	763	762	2	
		760	759	757	756	754	753	751	750	748	747	2	
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No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2900 1 2 3 4	·53 766 745 736 715 700	744 $729$ $714$	1 742 727 1 712	$\begin{array}{cccc} 2 & 743 \\ 7 & 726 \\ 2 & 713 \end{array}$	739 724 709	753 738 723 708 693	3 736 3 721 3 706	735 720 705	733 718 703	732 717 702	2 2 2	
5 6 7 8 9	685 670 655 641 626	684 669 654 639	682 667 653 638	681 666 651 636	679 664 650 635	678 663 648 633 618	676 661 647 632	660 660 645 630	658 644 629	657 642 627	2 1 1	
2910 1 2 3 4	611 596 581 566 551	609 594 579 564	608	606 591 576 561	605 590 575 5 <b>60</b>	603 588 573 558 544	587 572 557	585 570 556	599 584 569	597 582 567 553	1 1 1 2 2	
5 6 7 8 9	536 521 506 491 477	535 520 505 490 475	533 518 503 488 474	517	515	529 514 499 484 469		$\begin{array}{c} 511 \\ 496 \end{array}$	524 509 494 480 465	523 508 493 478 463	2 2 2 1 1	
2920 1 2 3 4	462 447 432 417 402	460 445 430 416 401	459 444 429 414 399	457 442 428 413 398	456 441 426 411 396	454 439 425 410 <b>3</b> 95	453 438 423 408 393	451 436 422 407 392	450 435 420 405 390	448 433 419 404 389	1 1 2 2 2	
5 6 7 8 9	387 373 358 343 328	386 371 356 341 327	384 370 355 340 325	383 368 353 338 324	381 367 352 337 322	380 365 350 335 321	379 364 349 334 319	377 362 347 333 318	376 361 346 331 316	374 359 344 330 315	1 1 1 2 2	
2930 1 2 3 4	313 298 284 269 254	312 297 282 267 253	310 295 281 266 251	309 294 279 264 250	307 292 278 263 248	306 291 276 261 247	304 290 275 260 245	303 288 273 258 244	301 287 272 257 242	300 285 270 255 241	2 1 1 1 2	
5 6 7 8 9	239 224 210 195 180	238 223 208 193 179	236 221 207 192 177	235 220 205 190 176	233 218 204 189 174	232 217 202 187 173	230 216 201 186 171	229 214 199 184 170	227 213 198 183 168	226 211 196 182 167	2 1 1 2 2	
2940 1 2 3 4	165 150 136 121 106	164 149 134 119 105	162 148 133 118 103	161 146 131 117 102	159 145 130 115 100	158 143 128 114 099	156 142 127 112 097	155 140 125 111 096	153 139 124 109 094	152 137 122 108 093	2 1 1 2 2	
5 6 7 8 9	091 077 062 047 033	090 075 061 046 031	044	087 072 058 043 028	086 071 056 041 027	084 069 055 040 025	083 068 053 038 024	081 066 052 037 022	080 065 050 035 <b>021</b>	078 063 049 034 019	1 1 2 1 1	
2950	018	016	015	013	.012	010	009	007	006	005	2	

2   -52 95 3   97 4   95 6   95 6   95 7   9 8   90 8   90 1   85 2   85 3   85	08 002 88 987 74 972 759 957 44 943 30 928 45 913 46 884 71 865 56 86 88 84 71 825 41 840 27 825 12 811	985 971 956 941 927 912 897 883 868 853 853 824 809	013 *999 984 969 955 940 925 910 896 881 866 862 837 822 808	982 968 958 938 924 909 894 880 865 850 886 821	910 *996 981 966 952 937 922 908 893 878 863 849 834	009 *994 980 965 950 935 921 906 891 877 862 847	978 963 949 934 919 905 890 875	906 *991 977 962 947 932 918 903 888 874	975 960 946 931 916 902 887 872	2 2 1 1 2 1 1 2 1 1 2	
2   -52 93 3   97 4   93 5   97 6   93 7   9 8   90 9   83 2960   87 2   88 3   83	88 987 74 972 59 957 44 943 30 928 45 913 90 884 71 869 56 884 1 840 27 811 98 796 88 781 68 767	985 971 956 941 927 912 897 883 868 853 853 824 809	984 969 955 940 925 910 896 881 866 852 837 822	982 968 958 938 924 909 894 880 865 850 886 821	981 966 952 937 922 908 893 878 863 849	980 965 950 935 921 906 891 877	978 963 949 934 919 905 890 875	977 962 947 932 918 903 888 874	975 960 946 931 916 902 887 872	1 1 2 1 1 2 1 1	
3   97 4   98 5   99 6   93 7   9 8   90 9   83 2960   86 2   88 3   88	74 972 59 957 44 943 30 928 45 913 00 899 86 884 71 869 56 85 41 840 27 825 12 811 98 796 83 781 68 767	971 956 941 927 912 897 883 868 853 839 824 809	969 955 940 925 910 896 881 866 852 837 822	968 958 938 924 909 894 880 865 850 886 821	966 952 937 922 908 893 878 863 849	965 950 935 921 906 891 877	963 949 934 919 905 890 875	962 947 932 918 903 888 874	960 946 931 916 902 887 872	1 2 1 1 2 1 1	
6 97 99 97 99 88 99 88 2960 87 2 88 3	59 957 44 943 30 928 45 913 00 899 86 884 71 869 56 85 41 840 27 825 12 811 98 796 83 781 68 767	956 941 927 912 897 883 868 853 839 824 809	955 940 925 910 896 881 866 852 837 822	958 924 909 894 880 865 850 886 821	952 937 922 908 893 878 863 849	950 935 921 906 891 877 862	949 934 919 905 890 875	947 932 918 903 888 874	946 931 916 902 887 872	2 1 1 2 1 1	
9 9 8 9 9 8 9 9 8 9 8 9 8 9 8 9 8 9 8 9	30 928 15 913 000 899 96 884 71 869 56 854 12 850 12 811 98 796 83 781 68 767	927 912 897 883 868 853 824 809	925 910 896 881 866 852 837 822	924 909 894 880 865 850 886 821	922 908 893 878 863 849	921 906 891 877 862	919 905 890 875 861	918 903 888 874	916 902 887 872	1 2 1 1	
7 9 8 90 9 81 9 9 81 9 81 9 81 9 81 9 81	15 913 00 899 86 884 71 869 56 855 41 840 27 825 12 811 98 796 83 781 68 767	912 897 883 868 853 824 809	910 896 881 866 852 837 822	909 894 880 865 850 886 821	908 893 878 863 849	906 891 877 862	905 890 875 861	903 888 874	902 887 872	2 1 1	
8 90 9 83 2960 87 1 83 2 85 3 83	00 899 86 884 71 869 56 855 41 840 27 825 12 811 98 796 83 781 68 767	897 883 868 853 839 824 809	896 881 866 852 837 822	894 880 865 850 886 821	893 878 863 849	891 877 862	890 875 861	888 874	887 872	1 1	
2900 87 1 87 2 87 3 87	71 869 56 855 41 840 27 825 12 811 98 796 83 781 68 767	868 853 830 824 809	866 862 837 822	865 850 886 821	863 849	862	861			1 1	
1 8: 2 8: 3 8:	56 855 41 840 27 825 12 811 98 796 83 781 68 767	853 839 824 809 745	852 837 822	850 886 821	849			859	Q H O		
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8 8	27 825 12 811 98 796 83 781 68 767	824 809 785	822	821		833	$\frac{846}{831}$	830	828	1	
	98 796 83 781 68 767	745	808		820	818	817	815	814	$ \hat{2} $	
1	83 781 68 767			806	805	803	802	800	799	1	
	68 767	** 6371	798	792	790	789	787	786	784	1	
		780 765	$778 \\ 764$	$\begin{array}{c} 777 \\ 762 \end{array}$	776 761	774 759	$\begin{array}{c} 773 \\ 758 \end{array}$	771 757	770 755	2	
	54 752	751	749	748	746	745	743	742	740	î	
	39 738	736	735	733	732	730	729	727	726	2	
	24 723	721	720	719	717	716	714	713	711	1	
	10 708 95 694	707 692	$\begin{array}{c} 705 \\ 691 \end{array}$	704 689	702 688	$\begin{array}{c} 701 \\ 686 \end{array}$	700 685	698 683	$\begin{array}{c} 697 \\ 682 \end{array}$	2	
	81 679	678	676	675	678	672	670	669	667	î	
	66 664	663	662	660	659	657	656	654		2	
	351 650	648	647	645	644	643	641	640		1	
	137 635 122 621	019	618	681 616	629 615	628 618	$\frac{626}{612}$	625 610		2	
	non non	605	603	602	000	599	597	596		ī	
	104 804	590	BHU	587	bag	584	583	581	580	2	
	78 577	575	574	573	571	570	508	567		1	
	664 662 649 648	$\begin{array}{c} 561 \\ 546 \end{array}$	559 545	558 543	557 542	555 540	554 539	552 538		1 2	
	35 533	ក់និង	540	529	527	526	524	523		3	
	20 519	517	516	514	513	511	510	508	507	1	
	606 604	503	501	500	408	497	495	494 479		1 2	
	191 490 176 475	474 488	467 472	485 471	484 469	482 468	481 466	465		1	
	162 460	459	458	450	455	453	452	480	449	2	
	147 446	445	443	442	440	439	437	436	434	1	
	133 431	430	429	427	426	424	423	421 407		2	
	118 417 104 402	415	414	413 398	411 397	410 895	408 394	392		3	ĺ
	189 388 189 388	386	385	384	382		379	378		1	
	375 373		370	369	868		365			3	
	100 359	357	356	855	353	352	350	349		1 2	
	346 344	343 328	311	340 326	339 324	337 328	336 321	334 320		1	
	331 <b>33</b> 0 317 315		312	311	310	308	307			2	
	302 301	299	Sun	297	295	294	292		289	1	
8000 2	388 286	283	284	282	281	279	278	276	275	2	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3000 1	·52 288 273	286 272	$\frac{285}{271}$	$\frac{284}{269}$	$\begin{array}{c} 282 \\ 268 \end{array}$	$\frac{281}{266}$	$\frac{279}{265}$	$\frac{278}{263}$	$\begin{array}{c} 276 \\ 262 \end{array}$	$\frac{275}{260}$	2	
2 3	259 244	$\begin{array}{c} 257 \\ 243 \end{array}$	$\begin{array}{c} 256 \\ 242 \end{array}$	$\frac{255}{240}$	$\frac{253}{239}$	$\frac{252}{237}$	$\begin{array}{c} 250 \\ 236 \end{array}$	$\frac{249}{234}$	$\frac{247}{233}$	$\frac{246}{231}$	2	
4	230	229	227	<b>22</b> 6	224	223	221	220	218	217	1	
5 6	$\frac{216}{201}$	$\begin{array}{c} 214 \\ 200 \end{array}$	$\begin{array}{c} 213 \\ 198 \end{array}$	$\begin{array}{c} 211 \\ 197 \end{array}$	$\begin{array}{c} 210 \\ 195 \end{array}$	$\begin{array}{c} 208 \\ 194 \end{array}$	$\begin{array}{c} 207 \\ 192 \end{array}$	$\begin{array}{c} 205 \\ 191 \end{array}$	$\frac{204}{190}$	$\begin{array}{c} 203 \\ 188 \end{array}$	2 1	
7 8	187 172	$\frac{185}{171}$	$\frac{184}{169}$	$\begin{array}{c} 182 \\ 168 \end{array}$	$\begin{array}{c} 181 \\ 166 \end{array}$	$\frac{179}{165}$	$\frac{178}{164}$	$\begin{array}{c} 177 \\ 162 \end{array}$	$\begin{array}{c} 175 \\ 161 \end{array}$	$\frac{174}{159}$	$\begin{vmatrix} 2 \\ 1 \end{vmatrix}$	
9	158	156	155	153	152	151	149	148	146	145	2	
3010 1	143 129	$\frac{142}{127}$	$\frac{140}{126}$	$\frac{139}{125}$	$\frac{138}{123}$	$\frac{136}{122}$	$\frac{135}{120}$	$\frac{133}{119}$	$\frac{132}{117}$	$\frac{130}{116}$	1 1	
2 3	115 100	113 099	$\frac{112}{097}$	110 096	$\begin{array}{c} 109 \\ 094 \end{array}$	$\begin{array}{c} 107 \\ 093 \end{array}$	106 091	104 090	103 089	102 087	1	
4	086	084	083	081	080	078	077	076	074	073	2	
5 6	071 057	070 055	$068 \\ 054$	$\begin{array}{c} 067 \\ 053 \end{array}$	066 051	064 050	$\begin{array}{c} 063 \\ 048 \end{array}$	$\begin{array}{c} 061 \\ 047 \end{array}$	$060 \\ 045$	$058 \\ 044$	1 2	
7	042 028	041	040	038 024	$037 \\ 022$	035 021	034 019	032 018	031	030	2	
8 9	014	$\begin{array}{c} 027 \\ 012 \end{array}$	$\begin{array}{c} 025 \\ 011 \end{array}$	009	008	006	005	004	$\begin{array}{c} 017 \\ 002 \end{array}$	015 001	1 2	
3020 1	·51 999 985	998 983	$\begin{array}{c} 996 \\ 982 \end{array}$	995 981	994 979	992 978	$\frac{991}{976}$	989 975	$\frac{988}{973}$	$\frac{986}{972}$	1 1	
2	971	969	968	966	965	963	962	960	959	958	2	
3 4	$956 \\ 942$	$\begin{array}{c} 955 \\ 940 \end{array}$	$\frac{953}{939}$	$\frac{952}{938}$	$\begin{array}{c} 950 \\ 936 \end{array}$	$\begin{array}{c} 949 \\ 935 \end{array}$	$\begin{array}{c} 948 \\ 933 \end{array}$	$\begin{array}{c} 946 \\ 932 \end{array}$	$\frac{945}{930}$	$\begin{array}{c} 943 \\ 929 \end{array}$	1 2	
5	$\frac{927}{913}$	926	925	923	922	920	919	917	916	915	2	
6 7	899	$\begin{array}{c} 912 \\ 897 \end{array}$	910 896	$\begin{array}{c} 909 \\ 894 \end{array}$	$\begin{array}{c} 907 \\ 893 \end{array}$	$\begin{array}{c} 906 \\ 892 \end{array}$	$\begin{array}{c} 904 \\ 890 \end{array}$	$\frac{903}{889}$	$\begin{array}{c} 902 \\ 887 \end{array}$	$\begin{array}{c} 900 \\ 886 \end{array}$	1 2	
8 9	884 870	883 869	$\begin{array}{c} 882 \\ 867 \end{array}$	880 866	$\begin{array}{c} 879 \\ 864 \end{array}$	877 863	876 861	$\begin{array}{c} 874 \\ 860 \end{array}$	$\begin{array}{c} 873 \\ 859 \end{array}$	$\begin{array}{c} 872 \\ 857 \end{array}$	$\begin{vmatrix} 2 \\ 1 \end{vmatrix}$	
3030	856	854	853	851	850	849	847	846	844	843	2	
1 2	841 827	840 826	$\begin{array}{c} 839 \\ 824 \end{array}$	837 823	$\begin{array}{c} 836 \\ 821 \end{array}$	834 820	833 818	831 817	830 816	$\begin{array}{c} 829 \\ 814 \end{array}$	2	
3 4	813 798	811 797	810 796	$\begin{array}{c} 808 \\ 794 \end{array}$	807 <b>7</b> 93	$\begin{array}{c} 806 \\ 791 \end{array}$	804 790	$\begin{array}{c} 803 \\ 788 \end{array}$	801 787	800 786	2 2	
5 6	784 770	783 768	781 767	780 766	778	777	776	774	773	771	1	
7	756	754	767 753	766 751	764 750	763 748	761 747	760 746	758 744	$\begin{array}{c} 757 \\ 743 \end{array}$	1 2	
8 9	741 727	$\begin{array}{c} 740 \\ 726 \end{array}$	$\begin{array}{c} 738 \\ 724 \end{array}$	$737 \\ 723$	$\begin{array}{c} 736 \\ 721 \end{array}$	$\begin{array}{c} 734 \\ 720 \end{array}$	733 718	731 717	$730 \\ 715$	$\begin{array}{c} 728 \\ 714 \end{array}$	1	
3040	713	711	710 696	708	707	705	704	703	701	700	2	
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	698 684	69 <b>7</b> 683	681	694 680	693 678	691 677	690 $676$	$\begin{array}{c} 688 \\ 674 \end{array}$	$\begin{array}{c} 687 \\ 673 \end{array}$	686 671	2 1	
3 4	$\begin{array}{c} 670 \\ 656 \end{array}$	$\begin{array}{c} 668 \\ 654 \end{array}$	$\begin{array}{c} 667 \\ 653 \end{array}$	$\begin{array}{c} 666 \\ 651 \end{array}$	$\begin{array}{c} 664 \\ 650 \end{array}$	$\begin{array}{c} 663 \\ 648 \end{array}$	661 647	$\begin{array}{c} 660 \\ 646 \end{array}$	$\begin{array}{c} 658 \\ 644 \end{array}$	657 643	1 2	
5	641	640	638	637	636	634	633	631	630	628	1	
6 7	$\begin{array}{c} 627 \\ 613 \end{array}$	626 $611$	$624 \\ 610$	$\begin{array}{c} 623 \\ 608 \end{array}$	621 60 <b>7</b>	620 606	$\begin{array}{c} 618 \\ 604 \end{array}$	617 60 <b>3</b>	$\begin{array}{c} 616 \\ 601 \end{array}$	614 600	1 1	
8	599 584	59 <b>7</b> 583	596 <b>5</b> 81	594 580	593 5 <b>7</b> 9	591 <b>577</b>	590 576	$\begin{array}{c} 589 \\ 574 \end{array}$	587 573	586 571	2 1	
3050	570	569	567	566	564	563	561	560	559	557	1	
1												

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
			F 0.0	W 11 FB	F 0.0	F 0 4	 						
3050	-51 5	570 556	569 554	$\frac{567}{553}$	566 552	564 55 <b>0</b>	563 549	561	560	559	557	1	
$\frac{1}{2}$		142	540	539	637	536	534	$\begin{array}{c} 547 \\ 533 \end{array}$	$\begin{array}{c} 546 \\ 532 \end{array}$	$\frac{544}{530}$	$\begin{array}{c} 543 \\ 529 \end{array}$	$\frac{1}{2}$	
3		27	526	624	523	522	520	519	517	516	515	2	
4		13	512	510	500	507	506	505	503	502	500	ĩ	
- 5		199	497	496	495	493	492	190	489	488	486	1	
6		185	483	482	480	479	478	476	475	473	472	2	
7 8		(70 (56	$\frac{469}{456}$	$\frac{468}{453}$	466	465 451	$\frac{463}{449}$	462 448	$\frac{461}{446}$	$\begin{array}{c} 459 \\ 445 \end{array}$	$\frac{458}{443}$	1	
ິຍ		142	111	439	438	436	435	434	432	431	429	1	1
3060	-1	128	426	425	424	422	421	419	418	417	415	1	
1		114	412	411	409	108	407	405	404	402	401	2	
2		199	398	397	395	394	392	391	390	388	387	2	
8		185	384	889	381	380	378	377	875	374	373	2	
-1	1	171	370	нин	367	365	364	363	361	360	358	1	
5		157	356	354	353	351	3.40	348	347	346	344	1	
6		113	3111	340	3331	337	336	334	333	331	330	1	
7		100	327	326	324	323	300	320	319	317	316	2	
н 9		114	313	312	210	309 295	307 293	306 202	305 290	303 289	302 288	22	
		100	200	297									
3070		386	是经历	283	282	281	279	27 H	276	275	273	Į į	
! !		272	271	2019	24) N	266	265	264	262	261	259	1	
2		358	256	255	254	252	251	249	248	$\frac{247}{232}$	245	1	
3 4		211 230	242 225	211 227	240 225	204 224	237 223	$\frac{235}{221}$	234 220	218	$\frac{231}{217}$	2	
5		213	214	213	211	210	208	207	206	204	203	2	
6		301	200	1 11 11	197	196	1914	103	191	190	189	2	1
7		147	180	181	183	182	180	179	177	176	175	2	1
l x		173	172	170	149	167	166	165	163	102	160	1	
9		159	Lan	150	155	153	152	151	149	148	146	1	
3080		145	144	142	111	1339	138	136	135	134	132	1	
1		131	120	1.98	127	125	124	133	121	120	118	1	
2		117	145	114	113	111	110	108	107	105	104	1	
3		103	101	100	HHH	097	ong	0:11	093	091	090	1	
4	(	អម្រ	087	086	084	บหล	082	080	079	077	076	2	
5	(	174	073	072	070	069	067	066	065	068	062	2	
6 (		11111	0.59	Ohn	abili	055	050	052	051	049	048	2	(
7		111	045	044	042	041	ono	038	036	033	034	2	
8		132	031	029	OUR	027	025	024	022	021	020	2	
3	l '	1111	017	015	014	013	011	010	008	007	006	2	
3090		)814	003	100	aga	+0119	+447	*996	*004	+003		2	1
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2		174	975	973	1172	070	969	Haq	966	965	963	1	
3		148 148	941 947	#5# #15	115M 1144	966 942	955 941	954 940	952 938	$\begin{array}{c} 951 \\ 937 \end{array}$	949 935	1	
Б		934	983	931	930	และ	927	1126	924	923	921	1	
"		933 920	944 919	917	916 916	914	124 111	911	910	909	907	î	
7	1	906	904	903	803	800	899	897	896	895	893	î	
н		892	890	HHH	HNH	HHG	HHS	вна	882	881	879	1	
y		47 H	876	H75	874	872	871	869	808	867	865	1	
8100		484	862	H61	860	RAR	857	855	854	853	851	1	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3100 1 2 3 4	·50 864 850 836 822 808	862 848 834 820 806	861 847 833 819 805	860 846 832 818 804	858 844 830 816 802	857 843 829 815 801	855 841 827 813 799	854 840 826 812 798	853 839 825 811 797	851 837 823 809 795	1 1 1 1	
5 6 7 8 9	794 780 766 752 738	792 778 764 751 737	791 777 763 749 735	790 776 762 748 734	788 774 760 746 732	787 773 759 745 731	785 771 757 744 730	784 770 756 742 728	783 769 755 741 727	781 767 753 739 725	1 1 1 1	
3110 1 2 3 4	724 710 696 682 668	723 709 695 681 667	721 707 693 679 665	720 706 692 678 664	718 704 690 677 663	717 703 689 675 661	716 702 688 674 660	714 700 686 672 658	713 699 685 6 <b>7</b> 1 657	711 697 683 670 656	1 1 2 2	
5 6 7 8 9	654 640 626 612 598	653 639 625 611 597	651 637 624 610 596	650 636 622 608 594	649 635 621 607 593	647 633 619 605 592	646 632 618 604 590	644 630 617 603 589	643 629 615 601 587	642 628 614 600 586	2 2 2 2 1	
3120 1 2 3 4	585 571 557 543 529	583 569 555 541 528	582 568 554 540 526	580 566 553 539 525	579 565 551 537 523	578 564 550 536 522	576 562 548 534 521	575 561 547 533 519	573 559 546 532 518	572 558 544 530 516	1 1 1 1 1	
5 6 7 8 9	515 501 487 473 459	514 500 486 472 458	512 498 484 471 457	511 497 483 469 455	509 496 482 468 454	508 494 480 466 453	507 493 479 465 451	505 491 477 464 450	504 490 476 462 448	502 489 475 461 447	1 2 2 2 1	
3130 1 2 3 4	446 432 418 404 390	444 430 416 403 389	443 429 415 401 387	441 428 414 400 386	440 426 412 398 385	439 425 411 397 383	437 423 410 396 382	436 422 408 394 380	434 421 407 393 379	433 419 405 391 378	1 1 1 1 2	
5 6 7 8 9	376 362 349 335 321	375 361 347 333 319	373 360 346 332 318	372 358 344 331 317	371 357 343 329 315	369 355 342 328 314	368 354 340 326 313	367 353 339 325 311	365 351 337 324 310	364 350 336 322 308	2 1 1 1	
3140 1 2 3 4	307 293 279 266 252	306 292 278 264 250	304 290 277 263 249	303 289 275 261 248	302 288 274 260 246	300 286 272 259 245	299 285 271 257 243	297 284 270 256 242	296 282 268 255 241	295 281 267 253 239	2 2 1 1	
5 6 7 8 9	238 224 210 197 183	237 223 209 195 181	235 221 208 194 180	234 220 206 192 179	232 219 205 191 177	231 217 203 190 176	230 216 202 188 174	228 214 201 187 173	227 213 199 185 172	226 212 198 184 170	2 2 1 1	
3150	169	168	166	165	163	162	161	159	158	157	2	

S150	No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2		·50												
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114   112   111   110   108   107   106   104   103   101   1			128				122	121	119	118	117			
Color	4		114	112	111	110	108	107	106	104	103	101	1	
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1 018 016 015 013 012 011 009 008 007 005 1 2 004 002 001 000 *998 *997 *996 *994 *993 *991 1 2 3 *49 990 989 987 986 985 983 982 980 979 978 2 4 976 975 974 972 971 969 968 967 965 964 1 5 5 963 961 960 959 957 966 954 953 952 950 1 6 949 948 946 946 945 943 942 941 939 938 937 2 935 934 932 931 930 928 927 926 924 923 2 8 921 920 919 917 916 915 913 912 911 909 1 908 906 905 904 902 901 900 898 897 895 1 3170 894 893 891 890 889 887 886 884 883 882 2 1 880 879 878 876 875 874 872 871 869 868 1 2 867 865 864 863 861 860 858 857 856 884 1 2 867 865 864 863 861 860 858 857 856 884 1 2 839 838 837 835 834 832 831 830 889 887 885 887 886 884 843 842 841 2 839 838 837 835 834 832 831 830 889 887 885 857 856 884 1 2 866 812 811 809 808 806 805 804 802 801 800 2 7 798 797 796 794 793 791 790 789 787 786 1 798 797 796 794 793 791 790 789 787 786 1 797 770 768 767 765 764 763 761 760 759 2 8 771 770 768 767 765 764 763 761 760 759 2 8 771 770 768 767 765 764 763 761 760 765 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9		045	044	042	041	040	038	037	035	034	033	2	
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4         976         975         974         972         971         969         968         967         965         964         1           5         963         961         960         959         957         956         954         953         952         950         1           6         949         948         946         945         943         932         924         923         2           7         935         934         932         931         930         928         927         926         924         923         2           8         921         920         919         917         916         915         913         912         911         909         1           9         908         906         905         904         902         901         900         898         897         895         1           3170         894         893         891         890         889         887         886         884         883         882         22           3170         894         893         891         891         887         852         881         883         88	3	.49												
6 949 948 946 945 943 942 941 939 988 937 2 7 935 934 932 931 930 928 927 926 924 923 8 921 920 919 917 916 915 913 912 911 909 1 9 908 906 905 904 902 901 900 898 897 895 1  8170 894 893 891 890 889 887 886 884 883 882 2 1 880 879 878 876 875 874 872 871 869 868 1 2 8867 865 864 863 861 860 858 857 856 854 1 3 853 852 850 849 848 846 845 843 842 841 2 4 839 838 837 835 834 832 831 830 828 827 1  5 826 824 823 822 820 819 817 816 815 813 1 6 812 811 809 808 806 805 804 802 801 800 2 7 798 797 796 794 793 791 790 789 787 786 1 8 785 783 782 781 779 778 776 775 774 772 1 9 771 770 768 767 765 764 763 761 760 759 2  8180 757 756 755 753 752 750 749 748 746 745 1 1 744 742 741 740 738 737 735 734 733 731 1 2 730 729 727 726 725 723 722 720 719 718 2 3 716 715 714 712 711 710 708 707 705 704 1 4 703 701 700 699 697 696 695 693 692 690 1  5 689 688 686 685 684 682 681 680 678 677 2 662 660 659 658 656 655 654 652 651 650 63 693 692 690 1  5 689 688 686 685 684 682 681 680 678 677 2 662 660 659 658 656 655 654 652 651 650 2 8 648 647 645 644 648 641 640 639 637 636 1 1 607 606 605 603 602 601 599 598 596 595 1 2 594 592 591 590 588 587 586 584 583 581 1 3 580 579 577 576 575 573 573 573 573 573 573 573 636 637 636 1 2 593 538 537 585 534 533 531 530 528 527 1  5 533 552 550 549 547 546 533 531 530 528 527 1 5 526 524 523 522 520 519 518 516 515 514 2 8 512 511 509 508 507 505 504 503 503 501 500 1 9 499 497 496 495 493 492 490 489 489 488 486 1						972	971	969	968	967	965	964	1	
7 935 934 932 931 930 928 927 926 924 923 2 908 906 905 904 902 901 900 898 897 895 1 908 906 905 904 902 901 900 898 897 895 1 980 899 896 905 904 902 901 900 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 895 895 1 980 898 897 895 1 980 898 895 1 890 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 980 898 897 895 1 890 898 897 895 1 890 898														
8         921         920         919         917         916         915         913         912         911         909         1           9         908         906         905         904         902         901         900         898         897         895         1           3170         894         893         891         890         889         887         886         884         883         882         2           1         880         879         878         876         875         874         872         871         886         884         883         882         2         1           2         867         865         864         863         860         858         857         856         854         1           3         853         852         850         849         848         846         845         843         842         841         2           4         839         838         836         806         805         804         802         801         800         2           5         826         824         823         822         820         819														
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4		444	442	441	4.10	400	437	436	435	433	432	1	
5		431	429	428	427	426	424	423	422	420	419	1	
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7		405 392	$\frac{404}{391}$	$\frac{402}{889}$	401 388	400 387	$\frac{398}{385}$	$\begin{array}{c} 397 \\ 384 \end{array}$	396 38 <b>3</b>	$\begin{array}{c} 395 \\ 382 \end{array}$	393 380	1	
8 9		379	378	376	375	374	373	371	370	369	367	î	
3360		366	365	363	362	361	860	358	357	356	354	1	
1.		353	352	351	349	348	347	345	344	343	342	2	
2		340	339	338	336	335	334	332	331	330	320	2	
8		337	326	325	323	322	321	320	318	31.7	316	2	
4		314	313	312	311	309	308	307	305	304	303	2	
Б		301	300	290	208	296	205	294	292	291	290	1	
6		289	287	286	285	283	282	281	280	278	277	1	
7		276	274	273 260	272 259	271 258	$\frac{269}{256}$	$\begin{array}{c} 268 \\ 255 \end{array}$	$\begin{array}{c} 267 \\ 254 \end{array}$	$\begin{array}{c} 265 \\ 252 \end{array}$	$\frac{264}{251}$	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$	
8 9		263 250	262 249	317	246	245	243	242	241	240	238	î	
		44.00	236	234	233	232	231	229	228	227	225	1	
8370 1		237 224	223	111111 111111 111111	220	210	218	216	215	214	213	2	
2	1	211	210	209	207	206	205	204	202	201	200	2	
3		198	197	196	195	193	192	191	189	188	187	2	
4		185	184	183	182	180	179	178	176	175	174	1	
5		173	171	170	169	167	166	165	164	162	161	1	
6		160	158	157	156	155	153	152	151	149	148	1	
7		147	146	144	143	142 129	140 128	$\frac{139}{126}$	138 125	$\begin{array}{c} 137 \\ 124 \end{array}$	$\begin{array}{c} 135 \\ 122 \end{array}$	1 1	
8 9		134	133	$\frac{131}{119}$	$\frac{130}{117}$	116	115	113	112	111	110	2	
	!			4 61 41	1 11 8	tno	100	101	099	098	097	2	
8880	1	108 095	107	106	104 092	108 090	102 089	101 088	080	085	084	1	[
1 2	1	083	081	080	079	078	076	075	074	072	071	1	1
ä	İ	070	069	067	000	065	063	062	061	000	058	1	
l ä	!	057	056	054	053	052	051	049	048	047	045	1	
5		044	043	042	040	039	038	036	035	034	033	2	
6	ž.	031	030	029	027	026	025	024	022	021	020	2	
7	1	018	017	016	015	013	012	011	010	800	907 4004	1 1	
8	1.	000	004	003	002	001 988	4999 880	*998 985	*997 984	983	981	î	
ħ	1 4	6 993	002	11110	ORD	ann							
8890	1	980		977	976	975	974 961	972 960	971 958	970 957	969 956		
1	ì	967	966 953	មថង ម្ខង់ដ	963 951	962	948	947	945	944	943	1	
3 3	j	954 943		939	838	936	935	934	983	931	930	1	
1 4	1	029		926	925	924	922	921	920	919	917	1	
5	and the second	916	915	913	912	911	910	908	907	906			
6	i	903		901	899	898	897	896	894				
7	1	890		NNH		885	884			880			
8	ĺ	H7 H	876	875	X74	873	871	870					1
9		865	864	Hill	861	860	858	857					
3400	1	BA2	831	850	848	847	846	844	848	842	841	.   2	1

No.	0	1	2	3	4	į	<u> </u>	6	7	8	9	D.	P.P.
3400 1 2 3 4	·46 852 839 827 814 801	851 838 825 813 800	850 837 824 811 798	848 836 823 810 797	847 834 821 809 796	8: 8:	46 33 20 07	844 832 819 806 793	843 830 818 805 792	842 829 816 804 791	841 828 815 802 790	2 1 1 2	
5 6 7 8 9	788 776 763 750 737	787 774 762 749 736	786 773 760 747 735	784 772 759 746 733	783 770 758 745 732	7: 7: 7:	82 69 56 44 31	781 768 755 742 730	779 767 754 741 728	778 765 753 740 727	777 764 751 739 726	1 1 2 1	
3410 1 2 3 4	725 712 699 686 674	723 711 698 685 672	722 709 697 684 671	721 708 695 683 670	719 707 694 681 669	76 69 68	18 05 93 80	717 704 691 679 666	716 703 690 677 665	714 702 689 676 663	713 700 688 675 662	1 1 2 1 1	
5 6 7 8 9	661 648 636 623 610	660 647 634 622 609	658 646 633 620 608	657 644 632 619 606	656 643 630 618 605	6: 6:	55 42 29 16 04	653 641 628 615 602	652 639 627 614 601	651 638 625 613 600	649 637 624 611 599	1 1 1 2	
3420 1 2 3 4	597 585 572 559 547	596 583 571 558 545	595 582 569 557 544	594 581 568 556 543	592 580 567 554 542	57 50 51	01 78 36 53	590 577 564 552 539	589 576 563 550 538	587 575 562 549 536	586 573 561 548 535	1 2 1 1	
5 6 7 8 9	534 521 509 496 483	533 520 507 495 482	531 519 506 493 481	530 517 505 492 479	529 516 504 491 478	51		526 514 501 488 476	525 512 500 487 474	524 511 498 486 473	523 510 497 485 472	2 1 1 2 1	
3430 1 2 3 4	471 458 445 433 420	469 457 444 431 419	468 455 443 430 417	467 454 441 429 416	466 453 440 428 415	46 43 43 42 41	52 39 26	463 450 438 425 412	462 449 436 424 411	460 448 435 423 410	459 447 434 421 409	1 2 1 1 2	
5 6 7 8 9	407 395 382 369 357	406 393 381 368 356	405 392 380 367 354	404 391 378 366 353	402 390 377 364 352	40 38 37 36 38	88 76 83	400 387 374 362 349	398 386 373 361 348	397 385 372 359 347	396 383 371 358 345	1 2 1 1	
3440 1 2 3 4	344 332 319 306 294	343 330 318 305 292	342 329 316 304 291	340 328 315 303 290	339 326 314 301 289	33 32 31 30 28	.3 0	337 324 311 299 286	335 323 310 297 285	334 321 309 296 284	333 320 308 295 282	1 2 1 1	
5 6 7 8 9	281 268 256 243 231	280 267 255 242 229	279 266 253 241 228	277 265 252 239 227	276 263 251 238 226	27 26 25 23 22	2 0 7	274 261 248 236 223	272 260 247 234 222	271 258 246 233 221	270 257 245 232 219	2 1 2 1 1	
3450	218	217	216	214	213	21	2	211	209	208	207	1	

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]	No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3	3 1 2 3 4	•46	218 206 193 180 168	217 204 192 179 167	$\begin{array}{c} 203 \\ 190 \end{array}$	214 202 189 177 164	213 200 188 175 163	212 199 187 174 161	211 198 185 173 160	209 197 184 172 159	208 195 183 170 158	207 194 182 169 156	1 1 2 1	
	5 6 7 8 9		155 143 130 118 105	154 141 129 116 104	153 140 128 115 102	151 139 126 114 101	150 138 125 112 100	149 136 124 111 099	148 135 123 110 097	146 134 121 109 096	145 133 120 107 095	144 131 119 106 094	1 1 1 1 2	
	3460 1 2 3 4		092 080 067 055 042	091 079 066 053 041	090 077 065 052 040	089 076 064 051 038	087 075 062 050 037	086 074 061 048 036	085 072 060 047 035	084 071 059 046 033	$082 \\ 070 \\ 057 \\ 045 \\ 032$	081 069 056 043 031	1 2 1 1 1	
	5 6 7 8 9	•45	030 017 005 5 992 980	028 016 003 991 978	027 015 002 990 977	026 013 001 988 976	025 012 000 987 975	023 011 *998 986 973	022 010 *997 985 972	021 008 *996 983 971	020 007 *995 982 970	018 006 *993 981 968	1 1 1 1	
	3470 1 2 3 4		967 955 942 930 917	966 953 941 928 916	965 952 940 927 915	963 951 938 926 913	962 950 937 925 912	961 948 936 923 911	960 947 935 922 910	921	957 945 932 920 907	956 943 931 918 906	1 1 1 1	
	5 6 7 8 9		905 892 880 867 855	878 866	902 890 877 865 852	901 888 876 863 851	900 887 875 862 850	898 886 873 861 848	$872 \\ 860$	883 871 858	882 870 857	881 868 856	1 1 1	
	3480 1 2 3 4		842 830 817 805 792	828 816 803		838 826 813 801 788		836 823 811 798 786	8.22 810 797	821 808 796	820 807 795	818 806 793	1 1 1	
	5 6 7 8 9		780 767 759 749 730	7 766 5 754 2 741	765 752 740	776 764 751 739 726	762 750 737	773 761 749 <b>7</b> 36 <b>72</b> 4	760 $747$ $735$	759 7746 734	757 745 732	7 756 5 744 2 731	1 1 2 1 1	
	3490 1 2 3 4		71 70 69 68 66	5 704 3 691 0 679	703 690 678	701 689 676	700 688 675	713 699 686 674 663	9 69 6 68 4 67	8 696 5 684 3 <b>67</b> 3	6 695 4 685 1 670	5 694 3 683 0 669	4   1 1   1 9   1	
	5 6 7 8		65 64 63 61	5 654 3 645 0 625 8 615	2 640 9 628 7 616	639 62' 61	638 625 613	64 63 62 61 59	$egin{array}{cccc} 7 & 63 \ 4 & 62 \ 2 & 61 \ \end{array}$	5 63 3 62 1 60	4 63 2 62 9 60	3 63 1 61 8 60	$egin{array}{c c} 2 & 2 \ 9 & 1 \ 7 & 1 \ \end{array}$	
	3500		59					58	7 58	6 58	5 58	3 58	2 1	195

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
2500	45 502	592	591	. 589	588	587	580	5 585	5 583	582	1	
3500	45 593 581	580				575					2	
1 2	568	567				562					1	Ì
3	556	555				550					Î	İ
4	544	542				537					1	
5	531	53 <b>0</b>	529	527	526	525	524	523	6 621	520	1	Ì
6	519	518				513					2	ļ
7	506	505			501	500		498	497		1	
8	494	493	492	490	489	488		485	484	483	1	
9	482	480	479	478	477	475	474	473	472	471	2	ļ
3510	469	468	467	466	464	463	462	461	459	458	1	
1	457	456	454	453		451					1	
2	445	443	442			438					1	!
3	432	431	430			426					1	
4	420	419	41.7	416	415	414	412	411	410	409	2	
5	407	406	405	404	403	401	400	399	398	396	1	
6	395	394	393		390	389					1	
7	383	382	380			377					3	<b>•</b>
8	370	369	368			364				359	1 !	
9	358	357	356	354	353	352	351	349	348	347	1	
3520	346	844	343			340					2	
1 1	383	832	331	330		327					1	
2	321	320	319			315				310	1	1
3 4	309 296	$\frac{308}{295}$	$\frac{300}{294}$	305 293	$\frac{304}{291}$	303 290		288 288		298 385	2	
	004	000	000	000	070	0.00	000	4582			_	
5 6	284 272	283 271	282 269	280 268	$\frac{279}{267}$	278 266	277 264	278 263		273	1	
7	259	258	257	256	255	253	252	251		248 248	2	
8	247	246	245	243	242	241	240	239		236	li	
9	235	234	232	231	230	229	227	226		224	Î	
3530	223	221	220	219	218	216	215	214	213	211	1	
1	210	209	208	207	205	204	203	202		199	i	
2	198	197	195	194	193	192	191	189		187	î	
3	186	184	183	182	181	179	178	177	170	175	2	
4	178	172	171	170	168	107	166	105	164	162	1	
5	161	160	159	157	150	155	154	152	151	150	1	
6	140	148	146	145	144	143	141	140	130	138	2	
7	136	135	184	138	182	180	129	128	127	125	1	
8 9	124	128	122	121	119	118	117	116	114	113	1	
υ	112	111	109	108	107	106	105	103	102	101	1	[
3540	100	098	097	096	095	094	092	091	090	089	2	
1	087			084		081	080	079	07 K	076	1	l
2 3	075 063	074	078	071	070	069	068	067	065	064	1 1	i
4	051	002 049	060 048	059 047	058 046	057 045	056	064 043	041	052 040	1 2	1
		A 0.#									"	
5 6	038 026	087 025	086	035	033	032	031	080	029	027	1	ļ
7.	014	018	024 011	022 010	021 009	020	019	018	016	015	!	1
8	002			*998	*997	800 800*	007 +994	005 +993	004	003 +001	1	[
9	·44 989	988	987	986	985	983	982	981	880 4885	#991 978	2	1
8550	977	976	975	978	972	971	970	969	967	966	1	

No.		0	1	2	3	4	5	6	7	.8	9	D.	P.P.
3550	-44	977	976	975	973	972	971	970	969	967	966	1	
1		$\begin{array}{c} 965 \\ 953 \end{array}$	$\frac{964}{951}$	$\frac{962}{950}$	$\begin{array}{c} 961 \\ 949 \end{array}$	$960 \\ 948$	959	958	956	955	954	1	
2 3		940	939	938	937	936	$\begin{array}{c} 947 \\ 934 \end{array}$	$\frac{945}{933}$	$\begin{array}{c} 944 \\ 932 \end{array}$	$\begin{array}{c} 943 \\ 931 \end{array}$	942	2	
4		928	927	926	925	923	922	921	920	918	929 917	1	
5		916 904	$\frac{915}{903}$	$\begin{array}{c} 914 \\ 901 \end{array}$	$\frac{912}{900}$	$\begin{array}{c} 911 \\ 899 \end{array}$	910	909	907	906	905	1	
6 7		892	890	889	888	887	898 88 <b>6</b>	$\begin{array}{c} 896 \\ 884 \end{array}$	895 883	$\begin{array}{c} 894 \\ 882 \end{array}$	893 881	$egin{array}{c} 1 \\ 2 \end{array}$	
8		879	878	877	876	875	878	872	871	870	868	1	
9		867	866	865	864	862	861	860	859	857	856	ī	
3560		855	854	858	851	850	849	848	846	845	844	1	
1 1		848	842	840	839	838	837	835	884	833	832	1	
2 3		831 818	829 817	828 816	827 815	826 814	$\frac{825}{812}$	$\frac{823}{811}$	$\begin{array}{c} 822 \\ 810 \end{array}$	821	820	2	
3		806	805	804	808	801	800	799	798	$\begin{array}{c} 809 \\ 796 \end{array}$	$\begin{array}{c} 807 \\ 795 \end{array}$	1	
5		794	793	792	790	789	788	787	786	784	783	1	
6		782	781	779	778	777	776	775	773	772	771	1	
7 8		770 758	$\begin{array}{c} 768 \\ 756 \end{array}$	$\begin{array}{c} 767 \\ 755 \end{array}$	$766 \\ 754$	$\begin{array}{c} 765 \\ 753 \end{array}$	$\frac{764}{751}$	$\begin{array}{c} 762 \\ 750 \end{array}$	$761 \\ 749$	$\begin{array}{c} 760 \\ 748 \end{array}$	$\begin{array}{c} 759 \\ 747 \end{array}$	1 2	
9		745	744	748	742	740	739	738	737	736	734	ĩ	
3570		733	732	731	730	728	727	726	725	723	722	1	
1		721 709	$720 \\ 708$	719 706	717 705	716 704	715 703	714	713	711	710	1	ļ
2 3		697	695	694	698	692	691	$\begin{array}{c} 702 \\ 689 \end{array}$	700 688	$\begin{array}{c} 699 \\ 687 \end{array}$	698 686	1	1
4		685	683	682	681	680	678	677	676	675	674	2	
5		672	671	670	669	668	666	665	664	663	661	1	}
6 7		660 <b>64</b> 8	$\begin{array}{c} 659 \\ 647 \end{array}$	658 646	$\begin{array}{c} 657 \\ 644 \end{array}$	655 648	$\begin{array}{c} 654 \\ 642 \end{array}$	658 641	652 640	$\begin{array}{c} 651 \\ 638 \end{array}$	$\begin{array}{c} 649 \\ 637 \end{array}$	1	ł
8		636	635	634	632	631	630	629	627	626	625	i	
9		624	623	621	020	619	618	617	615	614	613	1	{
8580		612	610	609	608	607	606	604	603	602	601	1	
1		600	886 886	597 585	596 584	595 583	594 581	592 580	591 579	590 578	589 577	2 2	
2 3		587 575	574	573	572	570	569	568	567	566	564	ī	]
1 4		563	562	561	660	558	557	556	555	554	552	ī	
5		551	550	549	547	546	545	544	548	541	540	1	
6 7		539 527	538 526	537 524	535 523	534 522	533 521	532 520	530 518	529 517	528 516	1 1	1
l s		515	514	512	511	510	509	507	506	505	504	î	
Ü		503	501	500	499	498	497	495	494	493	492	1	
8590		491	489	488	487	486	485	488	482	481	480	2 2	
1 2		478	477 465	476 464	475 463	474 462	472 460	471 459	470 458	469 457	468 455	1	
3	1	454	453	452	451	449	448	447	446	445	448	î	1
1		442	441	440	439	487	486	485	434	433	431	1	
5		430	429	428	426	425	424	428	422 410	420 408	419 407	1 1	
6 7		418	417 405	416 404	414	413 401	412 400	411 399	898	396	895	1	1
8		394	393	391	390	889	388	387	885	384	383	î	1
9		382	881	379	878	877	376	375	373	872	371	1	
8600		870	369	367	366	365	364	363	361	860	359	1	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3600 1 2	·44 370 358 346	369 356 344	367 355 343	366 354 342	365 353 341	364 352 340	363 350 338	361 349 337	360 348 336	359 347 335	1 1 1	
3 4	334 322	$\frac{332}{320}$	331 319	330 318	329 31 <b>7</b>	328 315	$\begin{array}{c} 326 \\ 314 \end{array}$	$\frac{325}{313}$	$\begin{array}{c} 324 \\ 312 \end{array}$	$\begin{array}{c} 323 \\ 311 \end{array}$	1 2	
5 6 7	309 297 285	308 296 284	307 295 283	306 294 282	305 293 281	303 291 279	302 290 278	301 289 277	300 288 276	299 287 275	2 2 2	
8 9	273 261	$\begin{array}{c} 272 \\ 260 \end{array}$	$\begin{array}{c} 271 \\ 259 \end{array}$	$\begin{array}{c} 270 \\ 258 \end{array}$	$\begin{array}{c} 269 \\ 256 \end{array}$	$\frac{267}{255}$	$\begin{array}{c} 266 \\ 254 \end{array}$	$\begin{array}{c} 265 \\ 253 \end{array}$	$\begin{array}{c} 264 \\ 252 \end{array}$	263 250	2 1	
3610 1 2	249 237 225	$248 \\ 236 \\ 224$	$247 \\ 235 \\ 223$	$246 \\ 234 \\ 222$	$244 \\ 232 \\ 220$	243 231 219	$242 \\ 230 \\ 218$	$241 \\ 229 \\ 217$	240 228 216	238 226 214	1 1 1	
3 4	213 201	212 200	211 199	210 198	208 196	207 195	206 194	205 193	204 192	202 190	1 1	
5 6 7	189 177 165	188 176 164	187 175 163	$186 \\ 174 \\ 162$	$184 \\ 172 \\ 160$	183 171 159	182 170 158	181 169 157	180 168 156	$178 \\ 166 \\ 154$	1 1 1	
8 9	153 141	152 140	151 139	150 138	148 136	147 135	146 134	145 133	144 132	142 130	1	
$3620 \\ 1 \\ 2$	129 117 105	$128 \\ 116 \\ 104$	$127 \\ 115 \\ 103$	$126 \\ 114 \\ 102$	$124 \\ 112 \\ 100$	123 111 099	122 110 098	121 109 097	120 108 096	118 106 094	1 1 1	
3 4	093 081	092 080	091 079	090 078	088 076	087 075	086 074	085 073	084 072	082 070	1 1	
5 6	069 057 045	068 056	067 055	066 054	064 052 040	063 051	062 050	061 049	060 048	058 046	1 1	
7 8 9	033 021	$044 \\ 032 \\ 020$	043 031 019	042 030 018	028 017	$039 \\ 027 \\ 015$	$038 \\ 026 \\ 014$	037 025 013	$036 \\ 024 \\ 012$	$034 \\ 022 \\ 011$	1 1 2	
3630 1	009 •43 997	008 996	007 995	006 994	005 993	003 991	002 990	001 989	988	*999 987	2 2	
2 3 4	985 973 962	984 972 960	983 971 959	982 970 958	981 969 957	979 967 95 <b>6</b>	$978 \\ 966 \\ 954$	977 965 953	$976 \\ 964 \\ 952$	975 963 951	2 1 1	
5 6 7	950 938 926	948 936 924	947 935 923	946 934	945 933	944 932	942 930	941 929	940 928	939 927	1 1	
8 9	914 902	913 901	911 899	922 910 898	$921 \\ 909 \\ 897$	920 908 896	919 907 895	917 905 893	$916 \\ 904 \\ 892$	915 903 891	1 1 1	
3640 1 2	890 878	889 877	887 876	886 874	885 873	884 872	883 871	882 870	880 868	879 867	1 1	
3 4	866 854 842	865 853 841	864 852 840	862 851 839	861 849 837	860 848 836	859 847 835	858 846 834	856 845 833	855 843 831	1 1 1	
5	830 818	829 817	828 816	827 815	825 814	824 812	823 811	822 810	821 809	820 808	2 2	
7 8 9	806 795 783	805 793 781	804 792 780	803 791 779	802 790 778	800 789 777	799 787 775	798 786 774	797 785 773	796 784 772	1 1 1	
3650	771	770	768	767	766	765	764	762	761	760	1	

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
3650	.43 771	770	768	767	766	765	764	762	761	760	1	
1.	759	758	756	755	754	753	752	750	749	748	ī	
2	7.17	746	745	743	742	741	740	739	737	736	1	
3	735	734	733	731	730	729	728	727	726	724	1	
4	723	722	721	720	718	717	716	715	714	712	1	
5 6	711 699	$\begin{array}{c} 710 \\ 698 \end{array}$	$\begin{array}{c} 709 \\ 697 \end{array}$	$\begin{array}{c} 708 \\ 696 \end{array}$	707 695	705	704	703	702	701	2	
7	688	686	685	684	683	$\begin{array}{c} 693 \\ 682 \end{array}$	$\begin{array}{c} 692 \\ 680 \end{array}$	$\begin{array}{c} 691 \\ 679 \end{array}$	$\begin{array}{c} 690 \\ 678 \end{array}$	689	1	
8	676	674	673	672	671	670	669	667	666	$\begin{array}{c} 677 \\ 665 \end{array}$	1 1	
9	664	663	661	660	659	658	657	655	654	653	ī	
3660	652	651	650	648	647	646	645	644	642	641	1	
1 1	640	639	638	636	035	634	633	632	631	629	ī	
2	628	627	626	625	623	622	621	620	619	617	1	
3	616	615	614	613	612	610	609	608	607	606	2	
4	604	608	602	601	600	599	597	596	595	594	1	
5	593	591	590	589	588	587	585	584	583	582	1	
6	581 569	580 568	$\begin{array}{c} 678 \\ 567 \end{array}$	$\begin{array}{c} 577 \\ 565 \end{array}$	576	575	574	572	571	570	1	
7 8	557	556	555	554	$\begin{array}{c} 564 \\ 552 \end{array}$	563 551	$\begin{array}{c} 562 \\ 550 \end{array}$	$\begin{array}{c} 561 \\ 549 \end{array}$	$\begin{array}{c} 559 \\ 548 \end{array}$	558 5 <b>46</b>	1	
9	848	644	543	542	540	539	538	537	536	535	1 2	
3670	533	532	581	530	529	527	526	525	524	523	1	
1	522	520	519	518	517	516	514	513	512	511	ΙîΙ	
2	510	509	507	500	505	504	503	501	500	499	1	
8	498	497	496	40.4	493	492	491	490	488	487	1	
4	486	485	484	483	481	480	479	478	477	475	1	
- 5	474	473	472	471	470	468	467	466	465	464	2	
6	462 451	$\frac{461}{449}$	460 448	$\frac{459}{447}$	$\frac{458}{446}$	457 445	455	454	453	452	1	
7 8	439	438	436	435	434	433	$\begin{array}{c} 444 \\ 432 \end{array}$	$\frac{442}{431}$	441 429	440 428	1.	
9	427	426	425	423	422	421	420	419	41.8	416	1	
3680	415	414	413	412	410	409	408	407	406	405	2	
1	403	402	401	400	399	398	896	395	894	393	1	· ·
2	392	890	389	388	387	386	385	383	382	381	1	
3	380	379	377	376	375	374	373	372	370	369	1.	
4	368	367	366	365	363	362	361	360	359	857	1	
5	356	355	354	353	352	350	349	348	347	846	2	
6	344	343	312	341	840	339	337	336	335	334	1	
7	333	332	380	329 317	328 316	327 315	$\frac{326}{314}$	324 313	$\frac{323}{311}$	322 310	1 1	
8 9	321 309	820 808	319 307	806	304	303	302	301	300	299	2	Ì
8090	297	296	295	294	298	291	290	289	288	287	1	}
1 3030	286	284	283	282	281	280	279	277	276	275	i	
2	274	273	271	270	209	268	267	266	264	263	ī	}
3	262	261	260	259	257	256	255	254	253	251	1	1
4	250	249	248	247	246	244	243	242	241	240	1	1
5	289	237	236	235	234	238	232	230	229	228	1	
6	227	226	224	223	222	221	220	219	217	216	1	İ
7	215	214	218	212	210	209	208	207	206	204	1	1
8 9	203 192	202 190	201 189	200 188	199 187	197 186	196 185	$\begin{array}{c} 195 \\ 183 \end{array}$	194 182	193 181	1	1
8700	180	179	177	176	175	174	173	172	170	169	1	

3700	No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
2		.43	180	179	177	176	175	174	173	172	170	169		
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2 039 038 037 036 035 033 032 031 030 029 1 1 3 028 026 025 024 028 022 020 019 018 017 1 1 4 016 015 013 012 011 010 009 008 006 005 1 1 5 004 003 002 001 *999 *998 *997 *996 *995 *994 2 6 •42 992 991 990 989 988 987 985 984 983 982 1 7 931 980 978 977 976 975 974 973 971 970 1 8 969 968 967 966 964 963 962 961 960 959 2 9 957 956 955 954 953 952 950 949 948 947 1 1 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
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8       969       968       967       966       964       963       962       961       960       959       2         9       957       956       955       954       953       952       950       949       948       947       1         3720       946       945       943       942       941       940       939       938       936       935       1         1       934       933       932       931       929       928       927       926       925       924       2         2       922       921       920       919       918       917       915       914       913       912       1         3       911       910       908       907       906       905       904       903       901       900       1         4       899       898       897       896       804       893       891       890       889       2         5       887       886       885       884       883       882       880       879       878       877       1         4       938       892       881       887		•42												
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1         934         933         932         931         929         928         927         926         925         924         2           2         922         921         920         919         918         917         915         914         913         912         1           3         911         910         908         907         906         905         904         903         991         900         1           4         899         898         897         896         894         893         892         891         890         889         2           5         887         886         885         884         883         882         880         879         878         877         1           6         876         875         873         872         871         870         869         868         866         865         1           7         864         863         862         861         859         858         857         856         855         854         2           8         852         851         850         849         848         847         845	9		957	956	955		953	$\bf 952$	950	949	948	947		
2   922 921 920 919 918 917 915 914 913 912 1 3 911 910 908 907 906 905 904 903 901 900 1 4 899 898 897 896 894 893 892 891 890 889 2 8		)												
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5       887       886       885       884       883       882       880       879       878       877       1         6       876       875       873       872       871       870       869       868       866       865       1         7       864       863       862       861       859       858       857       856       855       854       2         8       852       851       850       849       848       847       845       844       843       842       1         9       841       840       838       837       836       835       834       833       831       830       1         3780       829       828       827       826       824       823       822       821       820       819       2         1       817       816       815       814       813       812       810       809       808       807       1         2       806       805       804       802       801       800       799       798       797       795       1         3       794       793       792	3													
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7       864       863       862       861       859       858       857       856       855       854       2         8       852       851       850       849       848       847       845       844       843       842       1         9       841       840       838       837       836       835       834       833       831       830       1         3730       829       828       827       826       824       823       822       821       820       819       2         1       817       816       815       814       813       812       810       809       808       807       1         2       806       805       804       802       801       800       799       798       795       795       1         3       794       793       792       791       790       788       787       786       785       784       1         4       783       781       780       779       778       777       776       774       773       772       1         5       771       770       769														
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5 6 7 8 9	53 52 51 50 49	$egin{array}{cccccccccccccccccccccccccccccccccccc$	537 525 514 502 490	536 524 512 501 489	534 523 511 500 488	533 522 510 499 487	532 521 509 497 486	531 519 508 496 485	530 518 507 495 484	529 517 505 494 482	2 1 1 1	
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5 6 7 8 9	42 41 40 38 37	2 411 0 399 9 388	421 410 398 387 375	420 409 397 385 374	419 407 396 384 373	418 406 395 383 372	417 405 394 382 370	415 404 392 381 869	414 403 391 380 368	413 402 390 379 367	1 2 1 2 1	
3770 1 2 3 4	36 35 34 33 32	4 353 3 342 1 330		362 351 339 328 316	361 350 338 327 315	360 349 337 326 314	359 847 336 324 313	358 346 335 323 312	357 345 334 322 311	355 344 332 321 309	1 1 1 1 1	
5 6 7 8 9	80 29 28 27 26	7 296 5 284 4 273	283	305 203 282 270 259	304 292 281 269 258	303 291 280 268 257	301 290 278 267 255	300 289 277 266 254	299 288 276 265 253	298 286 275 268 252	1 1 1 1 1	
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J	2		688	538	286	535	534	538	532	531	530	529	lì			ı
l	3		528	527	525	524	523	522	521	520	510	518	1			ı
ı	4		517	515	514	513	512	511	510	509	ត០អ	507	1			l
1	5		506	504	503	502	501	200	499	498	497	496	2			ı
l	6		194	493	492	491	490	489	488	487	480	485	2			l
	7 8		188 172	$\frac{482}{471}$	481	480	479	478	477	476	475	474	2			ı
l	9		61	460	470 459	409 458	468 457	467 456	466 455	465 454	464	463	2			
l								**/**	400	4114	458	451	1			
l	3940		150	449	448	447	446	445	444	443	442	440	1			
	$egin{array}{c c} 1 & & \\ 2 & & \\ \end{array}$		139 128	438 427	$\begin{array}{c} 437 \\ 426 \end{array}$	486	435	484	433	432	481	420	1			ł
	3		17	416	415	425 414	424 418	428 412	422 411	421	420	418	1			ı
	4		106	405	404	403	402	401	400	330	409 398	407 396	1 1			ĺ
	5	•	OK	904	000	000	001									
	6		95 84	394 383	393 382	392 381	891 380	390 370	389	388	386	888	1			
	7		73	372	371	-	869	379 308	378 867	877 366	375 364	374 368	1			ŀ
	8	8	62	361	860	359	888	357	356		252	852	1			
	9	8	51	850	849	348	847	346	345	844	842	341	i			
	8950	3	40	339	338	887	886	385	334	333	881	990	,			
									JU1	400	aa t	330	1			

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
3950	·40	340	339	338	337	336	335	334	333	331	330	1	
1		329	328	327	326	325	324	323	322	321	319	1	
2		318	317	316	315	314	313	312	311	310	308	1	
3		307	306	305	304	303	302	301	300	299	297	1	
4		296	295	294	293	292	291	290	289	288	286	1	
5		285	284	283	282	281	280	279	278	277	275	1	
6		274	273	272	271	270	269	268	267	266	264	1	
7 8		$\begin{array}{c} 263 \\ 252 \end{array}$	$\frac{262}{251}$	$\frac{261}{250}$	$\frac{260}{249}$	$\frac{250}{248}$	$\frac{258}{247}$	$\begin{array}{c} 257 \\ 246 \end{array}$	$\begin{array}{c} 256 \\ 245 \end{array}$	$\begin{array}{c} 255 \\ 244 \end{array}$	$\begin{array}{c} 254 \\ 243 \end{array}$	2 2	
9		241	240	239	238	237	236	235	234	233	232	2	
3960		230	229	228	227	226	225	224	223	222	221	1	
1		220	218	217	216	215	214	213	212	211	210	1	
2		209	207	206	205	204	203	202	201.	200	199	1	
3		198	196	195	194	198	192	191		. 1.89	188	1	
4		187	186	184	183	182	181	180	179	178	177	1	
5		176	175	173	172	171	170	169	168	167	166	1	
6		165	164	168	161	$\begin{array}{c} 160 \\ 149 \end{array}$	159 148	$\frac{158}{147}$	$\frac{157}{146}$	$\begin{array}{c} 156 \\ 145 \end{array}$	155	1	
7 8		$\frac{154}{148}$	$\frac{158}{142}$	$\frac{152}{141}$	150 140	1.38	137	136	135	134	$\frac{144}{133}$	1 1	
9		132	131	130	129	128	126	1.25	124	123	122	ī	
3970		121	120	119	118	117	115	114	113	1.1.2	111	1	
i		110	109	108	1.07	106	105	103	102	101	100	1	
2		099	008	097	096	095	094	093	09 L	000	089	1	
3 4		088 077	$\begin{array}{c} 087 \\ 076 \end{array}$	086 075	085 074	$\begin{array}{c} 084 \\ 073 \end{array}$	083 072	$082 \\ 071$	080 070	$\begin{array}{c} 079 \\ 068 \end{array}$	078 067	1	
												1	
Б		088	065	064	063	062	061	000	059	058	056	1	
6		055 044	054 043	$\begin{array}{c} 058 \\ 042 \end{array}$	$052 \\ 041$	051 040	050 089	$\frac{049}{038}$	$048 \\ 037$	047 036	$\begin{array}{c} 046 \\ 035 \end{array}$	2	}
7 8		034	032	031	030	029	028	027	020	025	024	1	Ì
9		023	022	020	018	810	017	010	015	014	013	1	
3980		012	011	010	008	007	006	005	004	003	002	1	
ĭ		001	000	*999	*998	*996				*992		1	1
2	.39	990	989	988	987	986	984	983	982	981	980	1.	•
8		979	978	977	976	975	974	972	971	970	969	1	
4		968	967	966	905	964	963	902	960	959	958	1	
5		957	956	955	954	953	952	951	950	948	947	1	
6		946	945	944	943	942	941	940	939	938	936	1	1
7		935	934	938	932	981	930 919	929 918	928 917	927 916	$\frac{926}{915}$	1	
8 9		$924 \\ 914$	$\begin{array}{c} 923 \\ 913 \end{array}$	$922 \\ 911$	921 910	920 909	808	907	906	905	904	ī	
3990		903	902	901	899	898	897	896	895	894	898	1	
1		892		890			886	885	884		882	ī	
2		881	880	879	878	877	876	874	878	872	871	1	
8		870	800	808	867	866	865	864	862		860	1	1
4		859	858	857	856	855	854	853	852	850	849	1	
5		848	847	846	845	844	843	842	841	840		2	
6	1	837	836			833	832	881	880			1 1	1
7 8	1	827 816	825 815			822 811	821 810	820 809	819 808			1	ł
9		805	804			801	799	798	797			ī	
4000	}	794	793	792	791	790	789	787	786	785	784	1	}

No.		0	1	2	3	4	5	6	7	8	9	D.	P.F	· .
400 1 2 3 4	-39	794 686 577 469 362	783 675 567 459 351	772 664 556 448 340	761 653 545 437 330	751 642 534 426 319	740 631 523 416 308	729 621 513 405 297	718 610 502 394 287	707 599 491 383 276	696 588 480 373 265	10 11 11 11	11	
5 6 7 8 9	•38	254 147 041 934 828	244 137 030 923 817	233 126 019 913 806	222 115 009 902 796	212 105 *998 891 785	201 094 *987 881 775	190 083 *977 870 764	179 073 *966 860 753	169 062 *955 849 743	158 051 *945 838 732	11 10 11 10 10	1 2 3 4 5 6	1 2 3 4 6 7
410 1 2 3 4		722 616 510 405 300	711 605 500 394 289	700 595 489 384 279	690 584 479 373 269	679 574 468 363 258	669 563 458 352 248	658 552 447 342 237	648 542 437 331 227	637 531 426 321 216	626 521 416 310 206	10 11 11 10 11	7 8	4890
5 6 7 8 9	∙37	195 091 986 882 779	185 080 976 872 768	174 070 966 862 758	164 059 955 851 748	153 049 945 841 737	143 038 934 830 727	132 028 924 820 716	122 018 914 810 706	112 007 903 799 696	101 *997 893 789 685	10 11 11 10 10	10	
420 1 2 3 4		675 572 469 366 263	665 561 458 356 253	654 551 448 345 243	644 541 438 335 233	634 531 428 325 222	623 520 417 315 212	613 510 407 304 202	603 500 397 294 192	592 489 387 284 182	582 479 376 274 171	10 10 10 11 11	1 2 8 4 5	1 2 3 4 5
5 6 7 8 9	·36	161 059 957 856 754	151 049 947 845 744	141 039 937 835 734	130 028 927 825 724	120 018 917 815 714	110 008 906 805 704	100 *998 896 795 694	090 *088 886 785 688	079 *978 876 775 673	069 *967 866 764 663	10 10 10 10 10	6 7 8 9	6 7 8 9
430 1 2 3 4		653 552 452 351 251	643 542 442 341 241	633 532 432 331 231	623 522 421 321 221	613 512 411 811 211	603 502 401 301 201	593 492 391 291 191	583 482 381 281 181	572 472 371 271 171	562 462 361 261 161	10 10 10 10	9	
5 6 7 8 9	-35	151 051 952 853 754	141 041 942 843 744	131 031 932 833 734	121 021 922 823 724	111 012 912 813 714	101 002 902 803 704	091 *992 892 793 694	081 *982 882 783 684	071 +972 872 778 674	061 *962 863 763 665	10	1 2 3 4 5	12345
440 1 2 3 4		655 556 458 360 262	645 546 448 350 252	685 586 488 340 242	625 527 428 330 232	615 517 418 320 223	605 507 409 311 213	596 497 399 301 203	586 487 889 291 198	576 477 379 281 184	566 468 369 271 174	10 10 9 9	6 7 8 9	5 6 7
5 6 7 8 9	-34	164 067 969 872 775	154 057 960 863 766	144 047 950 858 756	185 087 940 848 746	125 028 930 888 737	115 018 921 824 727	105 008 911 814 717	096 *998 901 804 708	086 *989 892 795 698	076 +979 882 785 688	9 10 10 10		
450		679	669	659	650	640	631	621	611	602	592	10		

No.		0	1	2	3	4	5	6	7	8	9	D.	P	.P.
450	.34	679	669	659	650	640	631	621	611	602	592	10		
1		$\begin{array}{c} 582 \\ 486 \end{array}$	$\begin{array}{c} 573 \\ 477 \end{array}$	$\frac{563}{467}$	553 457	$\begin{array}{c} 544 \\ 448 \end{array}$	534 438	$\begin{array}{c} 525 \\ 429 \end{array}$	515	505	496	10		
$\frac{2}{3}$		390	381	371	361	352	342	333	$\frac{419}{323}$	$\frac{409}{314}$	$\frac{400}{304}$	10 10		
4		294	285	275	206	$25\tilde{6}$	247	237	228	218	208	9	_ :	10
5		199	189	180	170	161	151	142	132	123	113	9	1 2	1 2
6 7		104	*999	\$80 \$80*	075 *080	065 *970	*961	046 *051	*0.12	027 *932	018 *923	10 10	3	3
8	-33	913	904	894	885	876	806	857	847	838	828	9	4	4
9		819	809	800	790	781	771	762	753	743	734	10	5 6	5
160		724	715	705	090	086	677	668	658	649	639	9	7	7
1	}	630	620	611	602	592	583	573	564	555	545	9	8	8 9
2 3		536 442	$\frac{526}{433}$	$\begin{array}{c} 517 \\ 423 \end{array}$	508 414	408 404	489 395	$\frac{479}{386}$	$\frac{470}{376}$	$\frac{461}{367}$	451 358	9 10	U	1 3
4		348	339	329	320	311	301	292	283	273	264	9		
5		265	245	236	227	217	208	199	189	180	171	10		
6	1	161	152	143	133	124	115	106	096	087	078	10		
7 8	.40	068 976	059 966	950 957	848 040	031 938	022 929	013 920	911	*994 901	*986 892	10		
ÿ		888	878	864	855	846	836	827	818	809	799	9		9
470		790	781	772	763	753	744	735	726	716	707	9	1	1
1		698	689	679	670	661	652	648	633	624	615	9	2	2
2 3		$\frac{606}{514}$	597 505	$\begin{array}{c} 587 \\ 496 \end{array}$	578 486	569 477	560 468	551 459	541 450	532 440	523 431	9	3	3 4
i		422	413	404	395	386	376	367	358	349	340	9	5	5
- 5		331	321	312	303	294	285	276	267	258	248	9	7	6
6		239	230	221	212	208	194	185	175	166	1.57	9	8	7 8
7 8	)	$\begin{array}{c} 148 \\ 057 \end{array}$	$\frac{139}{048}$	$\begin{array}{c} 130 \\ 039 \end{array}$	121 030	$\begin{array}{c} 112 \\ 021 \end{array}$	103 012	094	084 *994	075 *985	066 *976	10	3	1 0
9	-31	966	957	048	939		921	912	903	894	885	β		
480		876	867	858	849	840	881	822	813	804	795	10		
1	}	785	776	767			740	731	722	713	704	0	į	
2 3	}	695 605	686 596	077 587	668 578		650 560	$\begin{array}{c} 641 \\ 551 \end{array}$	632 542	628 538	$\begin{array}{c} 614 \\ 524 \end{array}$	9		
4		515	500	498			471	462	453	444		9		8
5		426	417	408			381	372	363	354	345	9	1 2	1 1
6	-	336	327	319			292	283	274	265 176	256 167	9	3	2 2
7 8		$\frac{247}{158}$	238 149	220 140		211	203 114	194 105	185 096	087	078	9	4	3
ŝ		000	000	051			025	016	007			9	5 6	4 5
490	.30	980	972	963			936	927	918		901	9	7 8	6
1	1	892	888	874			848	839	830		812	9	9	7
3		803 715	795 700	786 698			759 671	751 662	$742 \\ 654$			9		•
4		627	619	610			583	575	566			9		
5		589	531	522			496	487	478			9		
6		452	448	434			408	399 312	391 303			9		
7 8		364 277	356 268	347 260			321 233	225	216			9		
9		190		173			146	138	129			9		
500		103	094	086	077	068	000	051	042	084	025	9	1	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
500 1 2 3	·30 ·29		921	086 *999 912	904	068 *982 895	060 *973 886	051 *964 878 791	042 *956 869 783	084 *947 860 774	025 *938 852 766	9899	
4		843 757	835 748	826 740	817 731	809 722	800 714 628	705 619	697	688	679 594	8	$\frac{9}{1+1}$
5 6 7 8 9		671 585 499 414 328	662 576 491 405 320	654 568 482 397 311	645 559 474 388 303	636 551 465 379 294	542 456 371 286	533 448 362 277	525 439 354 209	516 431 345 260	508 422 337 251	8 9 8	2 2 3 4 4 5 5
510 1 2 3	-28	243 158 073 988	234 149 065 980	226 141 056 971	217 132 048 968	209 124 039 954	200 115 081 946	192 107 022 937	183 098 014 <b>92</b> 9	921	166 081 *997 912	x & & x	6   5   6   8   7   9   8
4 5 6 7		904 819 735 651	895 811 727 643	887 802 718 634	878 794 710 626	786 701 617	861 777 693 609	853 769 685 601	845 760 676 592	752 668 584	828 743 659 675	2 2 2 2	
8 9 520		567 483 400	559 475 391	550 467 383	542 458 375	534 450 366	525 441 858	517 433 350	508 425 341	500 416 833	402 408 325	9 8 9	8 1   1
1. 2 3 4		316 233 150 067	308 225 142 059	300 216 133 050	291 208 125 042	283 200 117 034	275 191 108 025	266 183 100 017	258 175 092 009	250 166 083 001	241 158 075 *992	2 2 2 2	2 2 3 2 4 3 5 4 6 5
5 6 7 8 9	·27	984 901 819 787 654	976 893 811 728 646	968 885 802 720 638	959 877 794 712 630	951 868 786 704 622	943 860 778 606 613	934 852 770 687 605	926 844 761 679 597	918 835 753 671 589	910 827 745 663 581	9 8 8 9 9	7   6 8   6 9   7
530 1 2 3 4		572 491 409 327 246	564 482 401 319 238	556 474 393 311 230	548 466 384 303 221	540 458 376 295 218	531 450 368 287 205	523 442 360 278 197	515 433 352 270 189	507 426 844 262 181	499 417 335 254 173	8 8 8 8	7
5 6 7 8 9	.26	165 084 008 922 841	157 075 *994 914 888	148 007 *986 906 825	140 059 *978 898 817	182 051 *970 889 809	124 048 *962 881 801	116 035 *954 873 793	108 027 *946 865 785	100 019 *938 857 777	092 011 *930 849 769	88888	1   1 2   1 3   2 4   3 5   4
540 1 2 3		761 680 600 520	758 672 592 512	745 664 584 504	737 656 576 496	728 648 568 488	720 640 860 480	712 632 552 472	704 624 544 464	696 616 536 456	688 608 528 448	8 2 2 8	6   4 7   5 8   6 9   6
5 6 7 8		360 281 201 122	482 852 278 198 114	344 265 185 106	416 886 257 177 098	408 828 249 170 090	400 821 241 162 082	392 313 233 154 074	884 805 225 146 067	297 217 138 059	368 289 209 180 051	* ***	
9 550	-25	043 964	956	027 948	019 940	932	924	*995 916	*987	*980 901	*972 893	8	

No.		0	1	2	3	4	5	6	7	8	9	D.	Ρ.	Р.
550 1 2 3 4	.25	964 885 806 727 649	956 877 798 720 641	948 869 790 712 633	940 861 782 704 626	932 853 775 696 618	924 845 767 688 610	916 838 759 680 602	908 830 751 673 594	901 822 743 665 586	893 814 785 657 579	8 8 8 8		
5 6 7 8 9		571 493 414 337 259	563 485 407 329 251	555 477 399 321 243	547 469 391 313 286	539 461 383 305 228	532 453 376 298 220	524 446 368 290 212	516 438 360 282 204	508 430 352 274 197	500 422 344 267 189	7 8 7 8	;	8
560 1 2 3 4	.24	181 104 026 049 872	173 096 019 941 864	166 088 011 934 857	158 080 003 926 849	150 078 *995 918 841	142 065 *988 911 834	135 057 *980 903 826	127 050 *972 895 818	119 042 *965 887 811	111 084 *957 880 803	7 8 8 8 8	1 2 3 4 5	1 2 2 3 4 5
5 6 7 8 9		795 718 642 565 489	787 711 634 658 481	780 703 626 550 474	772 695 619 542 466	764 688 611 535 458	757 680 603 527 451	749 672 596 519 448	741 665 588 512 435	734 657 580 504 428	726 649 573 496 420	8 7 8 7	7 8 9	6 6 7
570 1 2 3 4		413 336 260 185 109	405 329 253 177 101	397 321 245 169 094	390 314 238 162 086	382 306 280 154 079	374 298 222 147 071	367 291 215 139 063	859 283 207 132 056	352 276 200 124 048	344 268 192 116 041	8 8 7 7 8		
5 6 7 8 9	-23	033 958 882 807 732	026 950 875 800 725	018 943 867 792 717	011 935 860 785 710	003 928 852 777 702	*995 920 845 770 695	*988 913 837 762 687	*980 905 830 755 680	*973 897 822 747 672	*965 890 815 740 665	7 8 8 8 8		7
580 1 2 3 4		657 582 508 433 359	650 575 500 426 351	642 567 498 418 344	635 560 485 411 336	627 552 478 403 829	620 545 470 896 822	612 538 463 388 314	605 530 455 381 307	597 528 448 374 299	590 515 441 366 292	8 7 8 7 8	1 2 3 4 5	1 1 2 3 4
5 6 7 8 9	.22	284 210 136 062 988	277 203 129 055 981	270 195 121 047 974	262 188 114 040 966	$\begin{array}{c} 107 \\ 033 \end{array}$	247 173 099 025 952	240 166 092 018 944	232 158 084 011 937	225 151 077 003 930	218 144 070 *996 922	8 8 8 8 7	6 7 8 9	5 6 6
590 1 2 3 4		915 841 768 695 621	907 834 760 687 614	900 827 758 680 607	893 819 746 673 599	812 738 665	878 805 781 658 585	871 797 724 651 578	868 790 717 648 570	856 783 709 636 563	702 629	8 7 7 8 8		
5 6 7 8 9		548 475 403 330 257	541 468 395 323 250	534 461 388 315 243	526 454 381 308 236	446 373 301	512 439 366 294 221	505 432 359 286 214	497 424 852 279 207	490 417 344 272 199	410 337 265	8 7 7 8 7		
600	- Constitution of	185	178	170	163	156	149	141	184	127	120	7		

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600 1 2 3 4		185 113 040 968 896	178 105 033 961 889	170 098 026 954 882	163 091 019 947 875	084	149 076 004 932 860	141 069 *997 926 853	) 062 7 *990 5 918	*983 *983	048 *975 903	7 8 7 7 8		8
5 6 7 8 9		824 753 681 610 538	817 746 674 602 531	810 738 667 595 524	803 731 660 588 517	796 724 653 581 510	789 717 645 574 503	781 710 638 567 496	703 631 560	695 624 553	688 617 545	7 7 7 7	1 2 3 4 5	$ \begin{array}{ c c c } \hline & 1 & \\ 2 & \\ 2 & \\ 3 & \\ 4 & \\ \end{array} $
610 1 2 3 4		467 396 325 254 183	460 389 318 247 176	453 382 311 240 169	446 375 304 233 162	439 367 296 226 155	431 300 289 219 148	424 353 282 211 141	346 275 204	410 339 268 197 127	332	7 7 7 7 8	6 7 8 9	5 6 6 7
5 6 7 8 9	.20	112 042 971 901 831	105 035 964 894 824	098 028 957 887 817	091 021 950 880 810	084 014 943 878 803	077 007 986 866 796	070 000 929 859 789	*993 922 852	056 *986 915 845 775	049 *979 908 838 768	7 8 7 7		7
620 1 2 3 4		761 691 621 551 482	754 684 614 544 475	747 677 607 537 468	740 670 600 530 461	788 663 593 528 454	726 656 586 516 447	719 649 579 509 440	642	705 635 565 495 426	698 628 658 489 419	7 7 7 7	1 2 3 4 5	1 1 2 3 4
5 6 7 8 9		412 343 273 204 135	405 336 266 197 128	398 329 259 190 121	891 822 252 183 114	384 315 246 176 107	377 308 239 169 100	370 301 232 163 094	363 294 225 156 087	856 287 218 149 080	350 280 211 142 073	7 7 7 7	6 7 8 9	4 5 6 6
630 1 2 3 4	-19	066 997 928 860 791	059 990 921 853 784	052 988 915 846 777	045 976 908 839 771	038 970 901 832 764	031 968 894 825 757	025 956 887 818 750	018 949 880 812 748	011 942 878 805 736	004 935 866 798 <b>72</b> 9	7 7 6 7 6		3
5 6 7 8 9		728 654 586 518 450	716 647 579 511 448	709 641 572 504 436	702 634 566 498 430	695 627 559 491 428	688 620 552 484 416	682 618 545 477 409	675 607 538 470 402	668 600 532 464 396	661 598 525 457 889	7 7 7 7	1 2 3 4 5	1 1 2 2 3
640 1 2 3 4		382 314 246 179 111	875 807 240 172 105	868 301 233 165 098	362 294 226 159 091	355 287 219 152 084	348 280 213 145 078	841 274 206 188 071	885 267 199 182 064	828 260 192 125 057	321 253 186 118 051	7 7 7 7 7	6 7 8 9	4 5 5
5 6 7 8 9	·18	044 977 910 842 776	037 970 903 836 769	081 968 896 829 762	024 957 889 822 755	017 950 888 816 749	010 943 876 809 742				*083 916 849 782 715	6 6 7 6		
650	ı	709	702	695	689	682	675	669	662	655	049	7		

No.	addar or 1 - vilet v	0	1	2	3	4	5	6	7	8	9	D.	P.	P.
650 1 2 3 4	-18	709 642 575 509 442	702 635 569 502 436	695 629 562 495 429	689 622 555 489 422	682 615 549 482 416	675 609 542 475 409	669 602 535 469 402	662 595 529 462 396	655 589 522 456 389	649 582 515 449 383	7 7 6 7		
5 6 7 8 9		376 310 243 177 111	369 303 237 171 105	363 296 230 164 098	356 290 224 158 092	349 283 217 151 085	343 277 210 144 079	336 270 204 138 072	329 263 197 131 065	323 257 191 125 059	316 250 184 118 052	6 7 7 6		7
660 1 2 3 4	-17	046 980 914 849 783	039 973 908 842 777	032 967 901 836 770	026 960 895 829 764	019 954 888 822 757	013 947 881 816 751	006 940 875 809 744	000 934 868 803 737	*993 927 862 796 731	*986 921 855 790 724	6 7 6 7	1 2 3 4 5	1 1 2 3 4
5 6 7 8 9		718 653 587 522 457	711 646 581 516 451	705 640 574 509 444	698 633 568 503 438	692 627 561 496 431	685 620 555 490 425	679 613 548 483 418	672 607 542 477 412	666 600 535 470 405	659 594 529 464 399	6 7 7 6	6 7 8 9	5 6 6
670 1 2 3 4		393 328 263 198 134	386 321 257 102 128	380 315 250 186 121	373 308 244 179 115	367 302 237 173 108	360 295 231 166 102	354 289 224 160 095	347 282 218 153 089	341 276 211 147 082	334 270 205 140 076	6 7 7 6 6		
5 6 7 8 9	-16	070 005 941 877 813	068 *999 935 871 807	057 *992 928 864 800	050 *986 922 858 794	044 *980 915 851 787	037 *973 909 845 781	031 *967 903 839 775	025 *960 896 832 768	018 *954 890 826 762	$\begin{array}{c} 883 \\ 819 \end{array}$	7 7 6 6 6		6
680 1 2 3 4		740 685 622 558 494	743 079 015 552 488	736 673 609 645 482	780 666 602 589 475	724 660 596 533 469	717 058 590 526 463	711 647 583 520 456	704 641 577 513 450	698 634 571 507 444		7 6 6 7 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		481 868 804 241 178	425 861 298 235 172	418 355 292 229 165	412 349 285 222 159	406 342 279 216 153	399 336 273 210 147	393 330 266 203 140	387 323 260 197 134	380 317 254 191 128	311 247 184	6 7 6 6 6	6 7 8 9	4 4 5 5
690 1 2 3 4	-15	115 052 989 927 864	109 046 988 920 858	108 040 977 914 852	096 033 971 908 845	090 027 964 902 839	084 021 958 895 833	077 015 952 889 827	071 008 945 883 820	065 002 939 877 814	*996 933 870	6 7 6 6 6		
5 6 7 8 9		802 739 677 614 552	795 733 670 608 546	789 727 664 602 540	720 658 596	714 652 590	770 708 646 583 521	764 702 639 577 515	758 695 633 571 509	627 565	683 621 558	6 6 7 6 6		
700		490	484	478			459	458	447	441	. 434	6		

No.	C	1	2	3	4	5	6	7	8	9	D.	P	.P.
700 1 2 3 4	·15 49 42 36 30 24	8 422 6 360 4 298	478 416 354 292 230	$\frac{410}{348}$	403 342 280	459 397 335 274 212	391 329 267	385 323 261	441 379 317 255 193	372 311 249	6 6 7 6 6		7
5 6 7 8 9	18: 12: 05: •14 99: 93:	0 113 3 052 7 991	169 107 046 984 923	163 101 040 978 917	156 095 033 972 911	150 089 027 966 905	$083 \\ 021$	076 015	182 070 009 948 886	$064 \\ 003 \\ 942$	6 6 7 6	1 2 3 4 5	1 1 2 3 4
710 1 2 3 4	874 813 752 691 630	8 807 746 685	862 801 740 679 618	856 795 784 678 612	850 789 728 667 600	844 783 722 661 600	887 776 715 655 594	881 770 709 648 588	825 764 703 642 582		6 6 6 6	8 9	6 6
5 6 7 8 9	509 509 448 388 327	503 442 382	557 497 436 375 315	551 491 430 369 309	545 484 424 368 303	539 478 418 357 297	533 472 412 351 291	527 466 406 845 285	521 460 400 339 279	515 454 394 338 278	6 6 6	e	<b>3</b>
720 1 2 3 4	267 206 146 086 026	200 140 080	255 194 134 074 014	249 188 128 068 008	243 182 122 062 002	237 176 116 056 *996	281 170 110 050 *990	225 164 104 044 *984	219 158 098 098 *978	212 152 093 082 *972	6 6 6	1 2 3 4 5	1 2 2 3
5 6 7 8 9	13 966 906 847 787 727	960 900 841 781 721	954 894 835 775 715	948 888 829 769 709	942 882 828 763 703	936 876 817 757. 697	930 870 811 751 692	924 864 805 745 686	918 859 799 739 680	012 853 703 733 674	6 6 6 6	6 7 8 9	4 4 5 5
730 1 2 3 4	668 608 549 490 430	662 602 543 484 424	656 596 537 478 419	650 590 531 472 413	644 585 525 466 407	638 579 519 460 401	632 573 513 454 395	626 567 507 448 389	620 561 501 442 383	614 655 496 436 877	6 6 6 6	5	
5 6 7 8 9	371 812 258 194 186	365 806 247 188 180	359 300 241 183 124	354 295 236 177 118	348 289 280 171 112	842 288 224 165 106	336 277 218 159 100	330 271 212 153 094	324 265 206 147 089	818 259 200 141 088	6 6 6 6	1 2 3 4 5	1 1 2 2 8
740 1 2 3 4	077 018 •12 960 901 843	071 012 954 895 837	065 006 948 889 881	059 001 942 884 825	058 *995 936 878 819	047 *989 980 872 814	042 *983 925 866 808	086 *977 * 919 860 802	030 #971 913 854 796	024 *965 907 849 790	6 6	6 7 8 9	4 5 5
5 6 7 8 9	784 726 668 610 552	779 720 662 604 546	778 714 656 598 540	767 709 651 592 584	761 703 645 587 529	755 697 639 581 523	749 691 633 575 517	744 685 627 569 511	738 680 621 563 503	732 674 616 558 500	6 6 6 6		
750	494	488	482	477	471	465	459	458	448	442	6		

No.		0	1	2	3	4	5	6	7	8	9	D.	Р.	Р.
750 1 2 3 4	.12	494 436 378 321 263	488 430 372 315 257	482 424 367 309 251	477 419 361 303 246	471 413 355 297 240	465 407 349 292 234	459 401 344 286 228	453 396 338 280 223	448 390 332 274 217	442 384 326 269 211	6 6 5 6		
5 6 7 8 9	·11	205 148 090 033 976	200 142 085 027 970	104 136 079 022 964	188 131 073 016 959	182 125 067 010 953	177 119 062 004 947	171 113 056 *999 942	165 108 050 *993 936	159 102 045 *987 930	154 096 039 *982 924	6 6 6 5		3
760 1 2 3 4		919 862 805 748 691	913 856 799 742 685	907 850 793 786 679	902 844 787 780 674	896 839 782 725 668	890 833 776 719 662	884 827 770 713 657	879 822 765 708 651	873 816 759 702 645	867 810 753 696 640	5 5 5 6	1 2 3 4 5 6	1 1 2 2 3 4
5 6 7 8 9		634 577 520 464 407	628 571 515 458 402	623 566 509 453 396	617 560 503 447 390	611 554 498 441 385	605 549 492 436 379	600 543 487 430 378	594 537 481 424 868	588 532 475 419 362	583 526 470 413 357	6 6 6 6	7 8 9	4 5 5
770 1 2 3 4		351 295 238 182 126	345 289 283 176 120	340 283 227 171 115	334 278 221 165 109	328 272 216 160 103	323 266 210 154 098	317 261 205 148 092	311 255 199 143 087	306 250 193 137 081	$188 \\ 132$	5 6 6 6 5		
5 6 7 8 9	-10	070 014 958 902 846	064 008 952 896 841	059 003 947 891 835	053 *997 941 885 830	047 *991 936 880 824	042 *986 930 874 818	036 *980 924 869 813	031 *975 919 863 807	$\frac{913}{857}$	*963 908 852	5 5 6 6 5		5
780 1 2 3 4	management of the state of the	791 735 679 624 568	785 729 674 618 563	779 724 668 613 557	774 718 668 607 552	768 713 657 602 546	768 707 652 596 541	757 702 646 591 535	752 696 640 585 530	690 635 579	685 629 574	5 6 5 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		513 458 403 347 292	508 452 397 342 287	502 447 391 336 281	496 441 386 831 276	491 436 380 325 270	485 430 375 320 265	480 425 369 314 259	809	414 358 308	408 353 298	5 5 6 6	6 7 8 9	3 4 4 5
790 1 2 3		237 182 127 073 018	232 177 122 067 012	226 171 117 062 007		215 160 106 051 *996	210 155 100 045 *991	040	144 089 034	138 084 029	133 078	6 5 5		
5 6 7 8 9	.08	968 909 854 800 745	958 908 849 794 740	952 898 843 789 734	892 838 783	832 778	936 881 827 773 718	876 821 767	871 816 762	865 811 756	860 L 805 3 751	6 5 6		
800		691	686	680	675	669	664	658	658	648	3 642	5		

No.	0	1	2	3	4	5	6	7	8	9.	D.	P	Р.
800 1 2 3 4	·09 691 637 583 528 474	686 631 577 523 469	680 626 572 518 464	675 620 566 512 458	669 615 561 507 453	664 610 555 501 447	658 604 550 496 442	653 599 545 491 437	648 593 539 485 431	642 588 534 480 426	5 5 6 6		
5 6 7 8 9	420 366 313 259 205	415 361 307 253 200	410 356 302 248 194	404 350 297 243 189	399 345 291 237 184	393 340 286 232 178	388 334 280 227 173	383 329 275 221 168	377 323 270 216 162	372 318 264 211 157	6 5 6 6		6
810 1 2 3 4	151 098 044 -08 991 938	146 093 039 986 932	141 087 034 980 927	135 082 028 975 922	13 <b>0</b> 076 023 970 916	125 071 018 964 911	119 066 012 959 906	114 060 007 954 900	109 055 002 948 895	103 050 *996 943 890	56556	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9	884 831 778 725 672	879 826 772 719 666	874 820 767 714 661	868 815 762 709 656	863 810 757 703 650	858 804 751 698 645	852 799 746 693 640	847 794 741 688 635	842 788 735 682 629	836 783 730 677 624	ម ម ម ម ម	6 7 8 9	4 4 5 5
820 1 2 3 4	619 566 513 460 407	613 560 508 455 402	608 555 502 449 397	603 550 497 444 391	597 545 492 439 386	592 539 486 434 381	587 534 481 428 376	582 529 476 423 370	576 523 471 418 365	571 518 465 413 360	55565		
5 6 7 8 9	355 302 249 197 145	349 297 244 192 139	344 291 239 186 134	339 286 234 181 129	334 281 228 176 124	328 276 223 171 118	323 270 218 166 113	318 265 213 160 108	313 260 207 155 103	307 255 202 150 097	56555	,	<b>5</b> i
830 1 2 3 4	092 040 -07 988 935 883	087 035 982 930 878	082 029 977 925 873	076 024 972 920 868	071 019 967 915 863	066 014 962 909 857	061 009 956 904 852	056 003 951 899 847	050 *998 946 894 842	045 *993 941 889 837	5 5 6 6	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9	831 779 727 676 624	826 774 722 670 619	821 769 717 665 613	816 764 712 660 608	811 759 707 655 603	805 753 702 650 598	800 748 696 645 593	795 743 691 639 588	790 738 686 634 582	785 733 681 629 577	6 6 5 5 5	6 7 8 9	3 4 4 5
840 1 2 3 4	572 520 469 417 366	567 515 464 412 361	562 510 458 407 355	557 505 453 402 350	551 500 448 397 345	546 495 443 391 340	541 489 438 386 335	536 484 433 381 330	531 479 428 376 325	526 474 422 371 319	6 5 5 5 5		
5 6 7 8	314 263 212 160	309 258 207 155	304 253 201 150	299 248 196 145	294 242 191 140	289 237 186 135	284 232 181 130	278 227 176 125	273 222 171 119	268 217 166 114	5 5 6 5		
9 850	109 058	104 053	099	094 043	089 038	084 033	079 027	073 022	068 017	063 012	5		

No.		0	1	2	3	4	5	6	7	8	9	D.	P	Р.
850 1 2 3 4		058 007 956 905 854	053 002 951 900 849	048 *997 946 895 844	043 *992 941 890 839	038 *987 936 885 834	033 *982 931 880 829	027 *976 925 875 824	022 *971 920 869 819	017 *966 915 864 814	012 *961 910 859 808	5 5 5 5		6
5 6 7 8 9		803 753 702 651 601	798 748 697 646 596	793 742 692 641 591	788 737 687 636 586	783 732 682 631 580	778 727 677 626 575	773 722 672 621 570	768 717 666 616 565	763 712 661 611 560	758 707 656 606 555	5 5 5 5 5	1 2 3 4 5	1 1 2 2 3
860 1 2 3 4		550 500 449 399 <b>84</b> 9	545 495 444 394 344	540 490 439 389 339	535 485 434 384 334	530 480 429 379 329	525 474 424 374 324	520 469 419 369 318	515 464 414 364 313	510 459 409 359 308	505 454 404 354 303	55555	6 7 8 9	4 5 5
5 6 7 8 9		298 248 198 148 098	293 243 193 143 093	288 238 188 138 088	283 233 183 133 083	278 228 178 128 078	273 223 173 128 073	268 218 168 118 068	263 213 163 113 063	258 208 158 108 058	253 203 153 103 053	555555		5
870 1 2 3 4	-05	048 998 948 899 849	043 998 943 894 844	038 988 938 889 839	033 983 933 884 834	028 978 928 879 829	028 978 923 874 824	018 968 918 869 819	018 963 914 864 814	008 958 909 859 809	003 953 904 854 804	55555	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		799 750 700 651 601	794 745 695 646 596	789 740 690 641 591	784 735 685 636 586	779 730 680 631 581	774 725 675 626 576	769 720 670 621 571	764 715 665 616 567	760 710 660 611 562	755 705 655 606 557	5 5 4 5 5	6 7 8 9	3 4 4 5
880 1 2 3 4		552 502 453 404 855	547 497 448 899 850	542 493 443 894 845	537 488 438 389 340	532 483 433 384 335	527 478 429 379 330	522 473 424 374 325	517 468 419 370 320	512 463 414 865 315	507 458 409 360 311	5 5 5 5		4
5 6 7 8 9		306 257 208 159 110	301 252 203 154 105	296 247 198 149 100	291 242 193 144 095	286 237 188 139 090	281 232 188 134 085	276 227 178 129 081	271 222 173 124 076	266 217 168 120 071	262 213 164 115 066	5 5 5 5 5	1 2 3 4 5	0 1 1
890 1 2 3 4	•04	061 012 964 915 866	056 007 959 910 861	051	046 *998 949 900 852	041 *993 944 895 847	037 *988 939 891 842	032 *983 934 886 837	027 *978 929 881 832	022 *978 925 876 827	017 *968 920 871 823	5 4 5 5	6 7 8 9	2 2 2 3 3 4
5 6 7 8		818 769 721 672 624	813 764 716 668 619	808 760 711 663 614	808 755 706 658 610	798 750 701 653 605	798 745 697 648 600	789 740 692 648 595	784 735 687 639 590	779 730 682 634 585	774 726 677 629 581	5 5 5 5 5		
900		576	571	566	561	556	552	547	542	537	532	4		

No.		0	1	2	3	4	5	6	7	8	9	D.		P.P.
900 1 2 3 4	.04	576 528 479 431 383	571 523 475 426 378	566 518 470 422 374	561 513 465 417 369	556 508 460 412 364	552 503 455 407 359	547 499 450 402 354	542 494 446 398 350	537 489 441 393 845	484 436 388	4 5 5 5 5		
5 6 7 8 9		335 287 239 191 144	330 282 234 187 139	326 278 230 182 134	321 273 225 177 129	316 268 220 172 125	311 263 215 168 120	306 258 211 163 115	302 254 206 158 110	297 249 201 153 105	292 244 196	5 5 4 5		5
910 1 2 3 4	.03	096 048 001 953 905	091 043 *996 948 901	086 039 *991 943 896	082 034 *986 939 891	077 029 *981 934 886	072 024 *977 929 882	067 020 *972 924 877	062 015 *967 920 872	058 010 *962 915 867	053 005 *958 910 863	5 4 5 5	1 2 3 4 5	1 1 2 2 3 3
5 6 7 8 9		858 810 763 716 668	853 806 758 711 664	848 801 754 706 659	844 796 749 702 654	839 791 744 697 650	834 787 739 692 645	829 782 735 687 640	825 777 730 683 635	820 773 725 678 631	815 768 720 673 626	5 4 5 5	6 7 8 9	4 5
920 1 2 3 4		621 574 527 480 433	616 569 522 475 428	612 565 517 470 423	607 560 518 406 419	602 555 508 461 414	598 550 503 456 409	598 546 499 452 405	588 541 494 447 400	588 536 489 442 305	579 532 485 438 391	5 5 5 5		
5 6 7 8 9		386 339 292 245 198	381 334 287 241 194	376 330 283 236 189	372 325 278 231 184	367 320 273 226 180	362 315 269 222 175	358 311 264 217 170	353 306 259 212 166	348 301 255 208 161	344 297 250 203 156	20024		4
930 1 2 3 4	.02	152 105 058 012 965	147 100 054 007 961	142 096 049 003 956	138 091 044 *998 <b>9</b> 51	183 086 040 *993 947	128 082 035 *989 942	124 077 030 *984 937	119 072 026 *979 933	114 068 021 *975 928	110 063 016 *970 923	5 5 4 5 4	1 2 8 4 5	0 1 1 2 2
5 6 7 8 9		919 872 826 780 783	914 868 821 775 729	910 863 817 770 724	905 858 812 766 720	900 854 808 761 715	896 849 803 757 710	891 845 798 752 706	886 840 794 747 701	882 835 789 743 696	877 831 784 738 692	5 4 5 5	6 7 8 9	3 3 4
940 1 2 3 4		687 641 595 549 503	683 636 590 544 498	678 632 586 540 494	678 627 581 535 489	669 623 576 530 484	664 618 572 526 480	660 613 567 521 475	655 609 568 517 471	650 604 558 512 466	046 600 558 507 461	5 4 4 4		
5 6 7 8 9	;	457 411 865 819 278	452 406 860 815 269	448 402 856 310 264	443 897 351 305 260	438 393 347 301 255	434 388 342 296 251	429 383 387 292 246	425 879 833 287 241	420 874 328 283 237	415 970 824 278 232	4 5 5 5 4		
950	:	228	228	218	214	209	205	200	196	191	187	5		

No.		0	1	2	3	4	5	6	7	8	9	D.	P.	P.
950 1 2 3 4	·02	228 182 136 091 045	223 177 132 086 041	218 173 127 082 036	214 168 123 077 032	209 164 118 072 027	205 159 114 068 022	200 155 109 063 018	196 150 104 059 013	191 145 100 054 009	187 141 095 050	5 5 4 5		
5 6 7 8	-01	000 954 909 863 818	*995 950 904 859 814			*981 936 891 845 800	*977 932 886 841 796	*972 927 882 836 791	*968 922 877 832 786	*963 918 873 827 782	*959 913 868 823 777	5 4 5 5 4		
960 1 2 3 4		773 728 682 637 592	768 723 678 633 588	764 719 673 628 583	759 714 669 624 579	755 710 664 619 574	750 705 660 615 570	746 701 655 610 565	741 696 651 606 561	737 692 646 601 556	732 687 642 597 552	4 5 5 5 5	1 2 3 4 5	1 1 2 2 3
5 6 7 8 9		547 502 457 412 368	543 498 453 408 3 <b>63</b>	538 493 448 <b>403</b> 359	534 489 444 399 354	529 484 439 895 350	525 480 435 390 345	520 475 430 386 341	516 471 426 381 336	511 466 421 37 <b>7</b> 332	507 462 417 372 327	5 5 4 4	6 7 8 9	3 4 4 5
970 1 2 3 4		323 278 233 189 144	318 274 229 184 140	314 269 <b>224</b> 180 135	309 265 220 175 131	305 260 216 171 126	300 256 211 166 122	296 251 207 162 117	291 247 202 157 113	287 242 198 153 108	283 238 193 149 104	5 4 5 4		
5 6 7 8 9	.00	100 055 011 966 922	095 051 006 962 917	091 046 002 957 918	086 042 *997 953 908	082 037 *998 948 904	077 033 *988 944 900	073 028 *984 989 895	068 024 *979 935 891	064 019 *975 931 886	059 015 *971 926 882	4 4 5 4 5		1
980 1 2 8 4		877 833 789 745 700	873 829 784 740 696	869 824 780 786 692	864 820 776 731 687	860 815 771 727 683	855 811 767 723 678	851 807 762 718 674	846 802 758 714 670	842 798 753 709 665	838 793 749 705 661	5 4 4 5 5	1 2 3 4 5	011222333
5 6 7 8 9		656 612 568 524 480	652 608 564 520 476	648 604 559 516 472	643 599 555 511 467	639 595 551 507 463	634 590 546 502 458	680 586 542 498 454	626 581 537 494 450	621 577 533 489 445	617 573 520 485 441	5 5 5 5	6 7 8 9	23334
990 1 2 8 4		436 393 349 305 261	482 388 344 301 257	428 384 340 296 253	423 379 336 292 248	419 375 381 288 244	415 371 327 288 240	410 366 323 279 235	406 362 318 274 231	401 358 314 270 226	397 353 309 266 222	4 4 4 5 4		
5 6 7 8 9		218 174 130 087 043	213 170 126 083 039	209 165 122 078 035	205 161 117 074 030	200 157. 113 070 026	196 152 109 065 022	192 148 104 061 017	187 144 100 056 018	183 139 096 052 009	178 135 091 048 004	4 5 4 5 4		
1000		000												

# ILLOGS (ANTILOGS) OF NUMBERS

FROM

·0000 to ·9999

TO

SIX FIGURES.

Illogs of Red Numbers taken from this Table are negative. Their Mantissac must be made positive in the usual way.

·000 - ·100

No.	0	1	2	3	4	5	6	7	8	9	D.	]	P. <b>P.</b>
·000 1 2	10 0000 0231 0462	$0254 \\ 0485$	0046 0277 0508	0069 0300 0531	$0323 \\ 0554$	0115 0346 0577	0369 0600	$0392 \\ 0624$	0415 0647	$0438 \\ 0670$	24 24 23		
3 4	0693 0925		$\begin{array}{c} 0740 \\ 0972 \end{array}$	0763 0995		0809 1042				0902 1135	23 23		23
5 6	1158 1391	1414	1205 1438	1228 1461	1485	1274 1508	1531	1555	1578	1368 1601	23 24 23	1 2 3	2 5 7
7 8 9	1625 1859 2094	1883	$1672 \\ 1906 \\ 2141$	1695 1930 2164	1953	$\begin{array}{c} 1742 \\ 1976 \\ 2212 \end{array}$	2000	2023	2047	$1836 \\ 2070 \\ 2306$	24 23	1 2 3 4 5 6 7 8 9	2 5 7 9 12 14 16
·010	2329 2565	2353 2589	2376 2612	2400 2636		2447 2683	2471 2707		2518 2754	2542 2778	23 24	8 9	18
2 3 4	2802 3039 3276	3062	2849 3086 3324	2873 3110 3 <b>34</b> 8	$\frac{2896}{3134}$	2920 3157 3395	2944 3181 3419	3205		$3015 \\ 3252 \\ 3490$	$egin{array}{c} 24 \\ 24 \\ 24 \\ \end{array}$		
5 6	3514 3753	35 <b>3</b> 8 3777	3562 3801	3586 3825	3848	3633 3872		3920		3.729 3.968	24 24		24
7 8 9	3992 4232 4472	4016 4256 4496	4040 4280 4520	4064 4304 4544	4328	4112 $4352$ $4592$	4136 4376 4616	4400		$\frac{4208}{4448}$	24 24 24	1 2 3	2 5 7
·020	4713 4954	4737 4978	4761 5003	4785 5027	5051	4833 5075	4858 5099	5124	4906 5148	4930 5172	24 24	1 2 3 4 5 6 7 8	2 5 7 10 12 14 17 19 22
2 3 4	5196 5439 5682	5220 5463 5706	5245 5487 5730	5269 5512 5755		531 <b>7</b> 5560 5803	5342 5584 5828	5609	5390 5633 5877	5414 5657 5901	25 25 24	9	22
5 6	5925 6170	5950 6194	5974 6218	5999 6243		6047 6292	6072 6316	6341	6121 6365	6145 6390	25 24		
7 8 9	6414 6660 6905	6439 16684 6930	6463 6709 6955	6488 6733 6979	6758	6537 6782 7029	6561 6807 7053		6611 6856 7103	$6635 \\ 6881 \\ 7127$	25 24 25		25
·030	7152 7399	7177 7424	7201 7448	7226 7473		7275 7523	7300 7547	7572	7349 7597	7374 7622	25 25	1 2 3 4	5 8 10
2 3 4	7647 7895 8143	7671 7920 8168	7696 7944 8193	7721 7969 8218	7746 $7994$ $8243$	7771 8019 8268	7795 8044 8293	8069	7845 8094 8343	7870 8118 8368	25 25 25	4 5 6 7 8 9	3 5 8 10 13 15 18 20 23
5 6	8393 8643	8418 8668	8443 8693	8468 8718	8493 8743	8518 87.68	8543 8793	8818	8593 8843	8618 8868	25 25	y	. 23
7 8 9	8893 9144 9396	8918 9169 9421	8943 9194 9446	8968 9219 9471	8993 $9245$ $9496$	9018 9270 9522	9044 9295 9547		9094 9345 9597	9119 9370 9623	25 26 25		
·040	9648 9901	9673 9926	9698 9951		9749 *0002	9774 *0027	9799 *0053	9825 *0078	985 <b>0</b> *0103	9875 *0129	26 25	1	26
2 3 4	11 0154 0408 0662	0179 0433 0688	0205 0459 0713	0230 0484 0739	$\begin{array}{c} 0255 \\ 0510 \\ 0764 \end{array}$	0281 0535 0790	0306 0561 0815	$0332 \\ 0586$	0357 0611 0866		26 25 25	2 3 4 5	5 8 10 18
5 6	0917 1173	0943 1199	0969 1224	0994 1250	1020 · 1276	1045 1301	1071 1327	1096 1353	1122 1378	1148 1404	25 25	6 7 8 9	16 18 21 28
7 8 9	1429 1686 1944	1455 1712 1970	1481 1738 1995	1506 1764 2021	1532 1789 2047	1558 1815 2073	1584 1841 2099	1609 1866 2124	1635 1892 2150	1661 1918 2176	25 26 26	-	
.050	2202	2228	2254	2279	2305	2331	2357	2383	2409	2435	25		

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202 460 720 980 240	2228 2486 2746 3006 3266	2254 2512 2772 3032 3292	2279 2538 2798 3058 3318	2305 2564 2824 3084 3344	2331 2590 2850 3110 3370	2357 2616 2876 3136 3397	2383 2642 2902 3162 3423	2409 2668 2928 3188 3449	2435 2694 2954 3214 3475	25 26 26 26		25
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850 124 399 674 950	8878 9152 9426 9702 9978	8905 9179 9454 9729 *0005	8932 9207 9481 9757 *0033	8960 9284 9509 9784 *0060	8987 9261 9536 9812 *0088	9015 9289 9564 9840 *0116	9042 9316 9591 9867 *0143	9069 9344 9619 9895 *0171	9097 9371 9647 9922 *0199	27 28 27 28 27 28 27	8 4 5 6 7 8 9	8 11 14 16 19 22 24
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1619 1899 3180 3462 3744	1647 1927 2208 2490 2772	1675 1955 2236 2518 2800	1703 1983 2264 2546 2829	1731 2011 2203 2574 2857	1759 2039 2321 2603 2885	1787 2067 2349 2631 2914	1815 2096 2377 2659 2942	1843 2124 2405 2687 2970	1871 2152 2433 2716 2999	28 28 29 28 28	4 5 6 7 8 9	11 14 17 20 22 25
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898	5922	5951	5980	6009	6038	6067	6096	6125	6154	29		F1
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•	·100 1 2 3 4	12	5893 6183 6474 6765 7057	5922 6212 6503 6794 7087	$\begin{array}{c} 6241 \\ 6532 \\ 6824 \end{array}$	6561	6009 6299 6590 6882 7174	6038 6328 6619 6911 7204	6357 $6648$ $6940$	6386 6678 6970	6125 6415 6707 6999 7292	6445 6736 7028	29 29 29 29 29	29
į	5 6 7 8 9		7350 7644 7938 8233 8529	7380 7673 7968 8263 8558	7703 7997 8292	8027	7468 7761 8056 8351 8647	7497 7791 8086 8381 8677	7526 7820 8115 8410 8706	7850 8145 8440	7585 7879 8174 8469 8766	7909 8204 8499	30 29 29 30 30	1 3 2 6 8 9 4 12 5 15 7 20 8 28 9 26
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-	5 6 7 8 9		3352 3660 3968 4276 4586	3888 3690 3999 4807 4617	3414 3721 4029 4338 4648	8444 8752 4060 4869 4679	8475 8788 4091 4400 4710	3506 3814 4122 4431 4741	8537 8844 4153 4462 4772	3567 3875 4184 4493 4803	3598 3906 4215 4524 4834	3629 3987 4246 4555 4865	31 31 30 31 31	8   9 4   12 6   16 6   19 7   22 8   25 9   28
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	·150		1254	1286	1819	1851	1384	1416	1449	1482	1514	1547	82	

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5 6 7 8	16	0325 0694 1065 1436 1808	0361 0731 1102 1473 1845	0398 0768 1139 1510 1883	0435 0805 1176 1547 1920	0472 0842 1213 1585 1957	0509 0879 1250 1622 1994	0546 0916 1287 1659 2032	0583 0953 1324 1696 2069	0620 0990 1362 1734 2106	0657 1027 1399 1771 2144	37 38 37 37 37	1
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220 1 2 3 4		5959 6341 6725 7109 7494	5997 6380 6763 7148 7533	6085 6418 6802 7186 7571	6073 6456 6840 7225 7610	6112 6495 6878 7268 7649	6150 6538 6917 7302 7687	6188 6571 6955 7340 7726	6226 6610 6994 7379 7764	6265 6648 7032 7417 7803	6803 6686 7071 7456 7842	38 39 38 38 38	2 8 8 11 4 15 6 28 7 27 8 80 9 84
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·230 1 2 8 4	17	9824 0216 0608 1002 1896	9863 0255 0648 1041	9903 0294 0687 1080 1475	9942 0333 0726 1120 1514	9981 0373 0765 1159 1554	*0020 0412 0805 1199 1593	*0059 0451 0844 1238 1688		*0137 0530 0923 1317 1712	#0177 0569 0962 1356 1751	39 39 40 40 40	1   4   8   8   12   16   6   20   0   28   7   27   8   81   9   85
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5 6 7 8 9		5792 6198 6604 7011 7419	5833 6238 6644 7052 7460	5873 6279 6685 7092 7501	5914 6319 6726 7183 7542	5954 6360 6767 7174 7582	5995 6401 6807 7215 7628	6085 6441 6848 7256 7664	6076 6482 6889 7296 7705	6116 6522 6929 7337 7746	6157 6563 6970 7378 7 <b>%</b> 87	41 41 41 41 41	1   4 2   8 3   12 4   16 5   21 6   25 7   20 8   83 9   87
-250		7828	7869	7910	7951	7992	8033	8074	8115	8156	701 8197	41	8   33 9   37

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9		8197 8608 9019 9432 9846	*0260 0676 1092 1510 1928	2348 2768 3189 3612 4035 4459 4884 5310	6595 7025 7456 7888	8322 8756 9191 9627 *0064	VEVO	0502 0941 1382 1823 2265 2708	0041 1382 1823 2265 2708 3152 3598 4044 4491
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4	<u>.</u>	7992 8402 8813 9226 9639	0468 0884 1301	2138 2558 2978 3400 3823 4247 4672 5097	5524 5952 6380 6810 7241 7672	8105 8538 8973 9409	9845		9845 0283 0722 1161 1602 2044 2486 2980 8375 3821 4267
3		7951 8361 8772 9184 9597	*0011 0426 0842 1259	2096 2516 2936 3358 3781 4204 4629 5055	5481 5909 6337 6767 7197 7629	8062 8495 8930	9365 9802		9802 0239 0678 1117 1558 1999
2		7910 8320 8731 9143 9556	0385 0801 1217	2054 2474 2894 3316 3788 4162 4587 5012	5439 5866 6294 6724 7154 7586	8018 8452 8886	9322 9758		9758 0195 0634 1078 1514 1955
1	<u></u>	7869 8279 8690 9102 9515	9929 0343 0759 1176 -71593	2012 2432 2852 3274 3696 4120 4544 4969	5396 5823 6252 6681 7111 7543	7975 8408 8843	9278 9714		9714 0152 0590 1029 1470 1911
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·300 1 2 3 4		9526 9986 0447 0909 1372	9572 *0032 0493 0956 1419	9618 *0078 0540 1002 1465	9664 *0124 0586 1048 1512	9710 *0170 0632 1094 1558	9756 *0217 0678 1141 1604	9802 *0263 0724 1187 1651	9848 *0309 0771 1233 1697	9894 *0355 0817 1280 1744	9940 *0401 0863 1326 1790	46 46 46 46 47	
5 6 7 8 9		1837 2302 2768 3236 3704	1883 2349 2815 3283 3751	1930 2395 2862 3329 3798	1976 2442 2908 3376 3845	2023 2488 2955 3423 3892	2069 2535 3002 8470 3939	2116 2582 3049 3517 3986	2162 2628 3095 3564 4033	2209 2675 3142 3610 4080	2255 2723 3189 8657 4127	47 46 47 47 47	46 47 1   5 5 2   9 9 3   14 14 4   18 19 6   23 24
·310 1 2 3 4		4174 4644 5116 5589 6063	4221 4692 5163 5636 6110	4268 4739 5211 5684 6158	4315 4786 5258 5731 6205	4362 4833 5305 5779 6258	4409 4880 5353 5826 6300	4456 4927 5400 5878 6348	4508 4075 5447 5921 6395	4550 5022 5494 5968 6443	4597 5069 5542 6016 6490	47 47 47 47 48	3   14 14 4 18 10 5 23 24 6 28 28 7 32 88 8 37 38 9   41 42
5 6 7 8 9		6538 7014 7491 7970 8449	6586 7062 7539 8018 8497	6633 7109 7587 8065 8545	6081 7157 7635 8113 8593	6728 7205 7683 8161 8641	6776 7253 7730 8209 8689	6824 7300 7778 8257 8737	6871 7348 7826 8305 8785	6919 7896 7874 8353 8833	6966 7444 7922 8401 8882	48 47 48 48 48	. 48 49 1   5 5 2   10 10 3   14 15 4   19 20
·320 1 2 3 4	21	8930 9411 9894 0878 0868	8978 9459 9942 0426 0911	9026 9508 9991 0475 0960	9574 9576 *0039 0523 1009	9122 9604 *0087 0572 1057	9170 9652 *0136 0620 1106	9218 9701 *0184 0669 1154	9267 9749 #0233 0717 1203	9315 9797 #0281 0766 1252	9868 9846 *0329 0814 1800	48 48 49 49	3   14   15   15   15   15   15   15   15
5 6 7 8 9		1849 1836 2324 2814 3304	1308 1885 2373 2863 3354	1446 1934 2422 2912 3403	1495 1982 2471 2961 3452	1544 2031 2520 3010 3501	1592 2080 2569 8059 8550	1641 2120 2618 3108 3599	1690 2178 2667 3157 8649	1739 2227 2716 8306 3098	1787 2276 2765 3255 3747	40 40 40 40 40	50 51 1   5 6 2   10 10
·330 1 2 3 4		3796 4289 4783 5278 5774	3845 4338 4833 5328 5824	3895 4888 4882 5377 5874	3944 4437 4932 5427 5924	3993 4487 4981 5477 5973	4042 4536 5080 5526 6023	4092 4585 5080 5576 6078	4141 4685 5180 5625 6123	4100 4684 5179 5675 6172	4240 4734 5229 5725 6222	49 49 49 50	3     15     16       4     20     20       5     25     20       6     30     31       7     85     86       8     40     41       9     45     46
5 6 7 8 9		6272 6770 7270 7771 8273	6322 6820 7320 7821 8323	6371 6870 7870 7871 8874	0421 6920 7420 7921 8424	6471 6970 7470 7972 8474	6521 7020 7520 8022 8524	6571 7070 7570 8072 8575	6621 7120 7621 8122 8625	6671 7170 7671 8172 8675	6721 7220 7721 8228 8726	49 50 50 50	52 1   5
·340 1 2 8 4	22	8776 9280 9786 0293 0800	8827 9331 9837 0343 0851	8877 9381 9887 0394 0902	8927 9482 9938 0445 0953		9028 9583 *0089 0546 1055			0099	9230 9735 #0242 0750 1259	50 51 51 50 50	1   5 2   10 3   16 4   21 5   26 6   81 7   96 8   42 9   47
5 6 7 8 9		1809 1820 2831 2844 3857	1360 1871 2382 2895 3409	1411 1922 2488 2946 8460	1462 1973 2485 2998 3512	1518 2024 2536 3049 3563	1564 2075 2587 8100 3615	2126 2638 3152	2177 2690	2229 2741 3254	1769 2280 2792 3306 3821	51 51 52 51 51	
.850		8879	8001	9075	4007	1070	4100	1100	1000	4005	1007	.,	

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·400	25 1189	1246	1304	1362	1420	1478		1594	1652	1710	58		
1	1768	1826	1884	1942	2000	2058	$\frac{2116}{2697}$	2174	$\frac{2232}{2813}$	2290 2872	58 58		
2 3	2348 2930	2406 2988	$\frac{2464}{3046}$	$2522 \\ 3105$	$2581 \\ 3163$	2639 3221	3279	2755 3338	3396	3454	59		<b>F</b> 0
4	3513	3571	3630	3688	3746	3805	3863	3922	3980	4039	58	57	58
<b>-</b>	0010	0011	0000	0000	0, 10	0000	0000	0022	0000			1 6	6
5	4097	4156	4214	4273	4331	4390	4449	4507	4566	4624	59	2   11 3   17 4   28 5   29 6   34 7   40 8   46	12 17
6	4683	4742	4800	4859	4918	4976	5035	5094	5153	5211	59	4 28	23
7	5270	5329	5388	5447	5505	5564	5623	5682	5741	5800	59	5 29 6 34	20 35
8	5859	5918	5976	6035	6094	6153	6212	6271	6330	6389 6980	59	7 40	41
9	6448	650 <b>7</b>	6567	6626	6685	6744	6803	6862	6921	0960	60	8 46 9 51	46 52
.410	7040	7099	7158	7217	7276	7336	7395	7454	7513	7573	59		
1	7632	7691	7751	7810	7870	7929	7988	8048	8107	8167	59		
2	8226	8285	8345	8404	8464	8523	8583	8643	8702	$\bf 8762$	59	59	60
3	8821	8881	8941	9000	9060	9119	9179	9239	9298	9358	60		
4	9418	9478	9537	9597	9657	9717	9777	9836	9896	9956	60	$\begin{array}{c c} 1 & 6 \\ 2 & 12 \end{array}$	$\frac{6}{12}$
. อั	26 0016	0076	0136	0196	0256	0315	0375	0435	0495	0555	60	3   18	18
6	.0615	0675	0735	0795	0856	0916	0976	1036	1096	1156	60	4 24 5 30	24 30
7	1216	1276	1336	1397	1457	1517	1577	1638	1698	1758	60	6 85	86
8	1818	1879	1939	1999	2060	2120	2180	2241	2301	2361	61	7 41	42 48
9	2422	<b>2482</b>	2543	2603	2664	2724	2785	2845	2906	2966	61	9 58	54
.420	3027	3087	3148	3209	3269	3330	3390	3451	3512	3572	61		
1	3633	3694	3755	3815	3876	3937	3998	4058	4119	4180	61		
2	4241	4302	4363	4423	4484	4545	4606	4667	4728	4789	61	61	62
3	4850	4911	4972	5033	5094	5155	5216	$\bf 5277$	5338	5399	62	1 / 6	6
4	5461	5522	5583	5644	5705	5766	5828	5889	5950	6011	62	2 12	12 l
5	6073	6134	6195	6256	6318	6379	6440	6502	6563	6624	62	3   18 4   24	19 25 81
6	6686	6747	6809	6870	6932	6993	7055	7116	7178	7239	62	4 24 5 31 6 37	81 87
7	7301	7362	7424	7485	7547	7609	7670	7732	7793	7855	62	7 48	48
8	7917	<b>7</b> 979	8040	8102	8164	8225	8287	8349	8411	8473	61	8 49	50
9	8534	8596	8658	8720	8782	8844	8906	8968	9030	<b>9092</b>	61	0   00	56
· <b>43</b> 0	9153	9215	9277	9339	9401	9464	9526	9588	9650	9712	62		
1	9774	9836	9898		*0023	*0085	*0147	*0209	*0271	*0334	62	63	ا ہم
2	27 0396	0458	0520	0583	0645	0707	0770	0832	0894	0957	62		64
3	1019	1082	1144	1206	1269	1331	1394	1456	1519	1581	63	$\begin{bmatrix} 1 & 6 \\ 2 & 13 \end{bmatrix}$	.6
4	1644	1706	1769	1832	1894	1957	2019	2082	2145	2207	68	8 1 19	18 19
5	2270	2333	2396	2458	2521	2584	2647	2709	2772	0005	00	4 25	26 32
6	2898	2961	3023	3086	3149	3212	3275	3338	3401	2835 3464	63 63	5 82 6 88 7 44 8 50	88 45
7	3527	3590	3653	3716	3779	3842	3905	3968	4031	4094	63	7 44	45
8	4157	4221	4284	4347	4410	4473	4536	4600	4663	4726	63	8 50 9 57	51 58
9 :	4789	4853	4916	4979	5043	5106	5169	5233	5296	5359	64		
.440	5423	5486	5550	5619	5 <i>677</i>	E7740	E004	E002	2004	<b>#</b> 004			1
1	6058	6121	6185	$\frac{5613}{6249}$	56 <b>77</b> 6312	5740 6376	$\frac{5804}{6439}$	5867 6503	5931	5994	64	65	. [
2	6694	6758	6822	6885	6949	7013	7077	7141	$\begin{array}{c} 6567 \\ 7204 \end{array}$	$\frac{6630}{7268}$	64		
3	7332	7396	7460	7524	7588	7651	7715	7779	7843	7907	64	1   7   18	
4	7971	8035	8099	8163	8227	8292	8356	8420	8484	8548	64	8   20	, ,
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5	8612	8676	8740	8805	8869	8933	8997	9062	9126	9190	64	6   89	1
6 7	$9254 \\ 9898$	9319	9383 *0027	9447	951 <b>2</b>	9576	9640	9705	9769	9834	64	7 46 8 52	
8	28 0543	0608	0673	0737	70156 0802	*0221 0867	*0285				64	9 59	
9	1190	1255	1320	1384	1449	1514	$0931 \\ 1579$	$0996 \\ 1644$	1061 1709	$1125 \\ 1773$	65 65	•	
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·450	1838	1903	1968	2033	2098	<b>21</b> 63	<b>222</b> 8	2293	2358	2428	65		
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4 1072 1139 1206 1273 1340 1407 1474 1541 1608 1676 67 1 7 2 13 3 20 1743 1810 1877 1944 2012 2079 2146 2213 2281 2348 67 3 3 20 2415 2483 2550 2617 2685 2752 2820 2887 2954 3022 67 5 34 27 3089 3157 3224 3292 3359 3427 3495 3562 3630 3697 68 6 40 8 3705 3883 3900 3968 4036 4103 4171 4239 4307 4374 68 7 47 4442 4510 4578 4646 4713 4781 4849 4917 4985 5053 68 9 60 470 5121 5189 5257 5325 5898 5461 5529 5597 5665 5733 68 1 5801 5869 5937 6006 6074 6142 6210 6278 6347 6415 68 2 6483 6551 6620 6688 6756 6825 6893 6961 7030 7098 69 3 7107 7235 7303 7372 7440 7509 7577 7646 7715 7783 69 4 7852 7920 7980 8057 8126 8195 8263 8332 8401 8470 68 2 14 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	No.	. 0	1 2	3 4	5 6	7 8 9	D. P.P.
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5 5102 5167 5233 5299 5365 5430 5496 5562 5627 5693 66 3 20 66 5759 5825 5891 5957 6022 6688 6154 6220 6286 6352 66 4 26 7 6418 6484 6550 6616 6682 6748 6814 6880 6946 7012 66 5 33 8 7078 7144 7210 7276 7343 7409 7475 7541 7607 7674 66 7 46 7 740 7806 7872 7939 8005 8071 8138 8204 8270 8337 66 8 5 5 2 9 734 9801 9868 9334 9401 9468 9534 9001 9668 66 2 9734 9801 9868 9935 8001 8070 8777 8040 8771 9040 9058 9034 9401 9468 9534 9001 9668 66 2 9734 9801 9868 9935 8000 8070 6737 8040 4071 0938 1005 67 4 1072 1139 1206 1273 1340 1407 1474 1541 1608 1676 67 1 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	3	3792	3857 3923	3988 4053	4119 4184	4250 4315 4381	65 66
3	4	4446	4512 4577	4643 4708	4774 4839	4905 4971 5036	1 1 7 7
T							66 2 13 18 20 20
8       7078       7144       7210       7276       7348       7409       7475       7541       7607       7674       66       6       8       46       8       66       7740       7806       7872       7939       8005       8071       8138       8204       8270       8337       66       8       6       8       6       8       68       68       8       68       68       8       67       68       67       67       67       67       67       67       67       67       67       67       67       68       67 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>66 5 38 88</th>							66 5 38 88
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6 2415 2483 2550 2617 2685 2752 2820 2887 2954 3022 67 5 34 7 8089 3157 3224 3292 3359 3427 3495 3562 3630 3697 68 6 40 8 8 3765 3833 3900 3968 4036 4103 4171 4239 4307 4374 68 8 6 40 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4	1072	1139 1206	1273 1340	1407 1474	1541 1608 1676	2 13 14
7 3089 3157 3224 3292 3359 3427 3495 3562 3630 3697 68 6 40 8 3765 3833 3900 3968 4036 4103 4171 4239 4307 4374 68 8 547 447 4442 4510 4578 4646 4713 4781 4849 4917 4985 5053 68 9 60 40 410 4578 4646 4713 4781 4849 4917 4985 5053 68 9 60 41 5801 5869 5937 6006 6074 6142 6210 6278 6347 6415 68 2 6483 6551 6620 6688 6756 6825 6893 6961 7030 7098 69 3 7167 7235 7303 7372 7440 7509 7577 7646 7715 7783 69 4 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 7920 7989 8057 8126 8195 8263 8332 8401 8470 68 2 14 7852 8100 815 8100 8100							67 3 20 20 4 27 27
3       3703       3333       3300       3303       4713       4781       4849       4917       4985       5053       68       9       60         -470       5121       5189       5257       5825       5893       5461       5529       5597       5665       5733       68       8       6       6       6483       6551       6620       6688       6756       6825       6893       6961       7030       7098       69       1       7       7       646       7715       7783       69       1       7       7       7       6746       7715       7783       69       1       7       7       7       7       7       7       646       7715       7783       69       1       7       7       7       7       7       7       7       68       9       1       7       7       1       7       7       7       7       7       7       7       8       69       1       7       1       4       7       8       69       1       7       1       4       7       8       69       1       1       7       1       4       2       2       <							107   5   34 84
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5 5492 5562 5688 5708 5774 5844 5914 5985 6055 6126 70 5 86 6 6196 6267 6387 6408 6478 6549 6620 6690 6761 6832 70 7 50							70 8 21 22
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9 8319 8390 8461 8532 8603 8674 8745 8816 8887 8958 72				8532 8603			
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1 9742 9813 9885 9956 *0027 *0099 *0170 *0242 *0313 *0384 72	1	9742	9813 9885	9956 *0027	<b>*0</b> 099 <b>*0</b> 170	*0242 *0313 *0384	72 78
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7 4051 4123 4196 4268 4340 4413 4485 4557 4630 4702 73 9 0 8 4775 4847 4920 4992 5065 5187 5210 5283 5355 5428 72							
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·500 1 2 3 4	31	6228 6957 7687 8420 9154	7030 7761 8493	7103 7834	6446 7176 7907 8640 9374	6519 7249 7980 8713 9448	6592 7322 8053 8787 9521	6665 7395 8127 8860 9595	6738 7468 8200 8933 9669		6884 7614 8346 9080 9816	73 73 74 74 74	72 73 74
5 6 7 8 9	32	9890 0627 1366 2107 2849	0701	*0037 0775 1514 2255 2098	*0111 0848 1588 2329 3073	*0184 0922 1662 2404 3147	*0258 0996 1736 2478 3221	*0332 1070 1810 2552 3296	*0406 1144 1884 2626 3370	*0479 1218 1959 2701 3445	*0553 1292 2033 2775 3519	74 74 74 74 75	1 7 7 7 7 2 14 15 15 3 22 22 22 4 20 20 80 5 86 37 87
·510 1 2 3 4		3594 4340 5087 5837 6588	3668 4414 5162 5912 6663	3743 4489 5237 5987 6738	3817 4564 5312 6062 6814	3892 4638 5387 6137 6889	3966 4713 5462 6212 6964	4041 4788 5537 6287 7039	4116 4863 5612 6362 7115	4190 4938 5687 6437 7190	4265 5012 5762 6513 7265	75 75 75 75 76	0 43 44 44 7 50 51 52 8 58 58 59 9 65 66 67
5 6 7 8 9	00	7341 8095 8852 9610	7416 8171 8927 9686	7491 8246 9003 9762	7567 8322 9079 9837	7642 8398 9155 9913	7718 8473 9230 9989 0750	7793 8549 9306 #0065 0826		7944 8700 9458 *0217		76 76 76 77 76	75 76 77 1 8 8 8 2 16 16 15 5 28 28 28
·520 1 2 3 4	33	0370 1131 1894 2660 8426 4195	1207 1971 2736 3503 4272	0522 1284 2047 2813 3580 4349	0598 1360 2124 2889 3657 4426	0674 1436 2200 2966 3734 4503	1513 2277 3043 3811 4580	1589 2353 3119 3887 4657	0902 1065 2430 3196 3964 4734	0979 1742 2506 3273 4041 4811	1055 1818 2588 3350 4118 4888	76 77 76 77 77	1
5 6 7 8 9		4965 5738 6512 7287 8065	5043 5815 6580 7365 8143	5120 5892 6667 7443 8221	5197 5970 6744 7520 8298	5274 6047 6822 7598 8876	5351 6124 6899 7676 8454	5429 6202 6977 7754 8532	5506 6279 7054 7831 8610	5588 6357 7182 7009 8688	5660 6484 7210 7987 8766	78 78 77 78 78	78 79 80
·580 1 2 3 4	84	8844 9625 0408 1193 1979	8922 9703 0487 1271 2058	9000 9782 0565 1850 2137	9078 9860 0648 1429 2216	9156 9988 0722 1507 2295	9234 *0017 0800 1586 2873	9818 *0095 0879 1665 2452	9391 *0173 0957 1743 2531	9469 *0251 1036 1822 2610	9547 *0330 1114 1901 2689	78 78 79 78 79	1   8   8   8   16   16   16   16   16
5 6 7 8 9		2768 3558 4350 5144 5939	2847 3637 4429 5228 6019	2926 3716 4509 5303 6099	3005 3795 4588 5382 6178	8084 8875 4667 5462 6258	3163 3954 4747 5541 6338	3242 4038 4826 5621 6418	3321 4112 4905 5700 6497	3400 4191 4985 5780 6577	8479 4271 5064 5860 6657	79 79 80 79 80	9   70 71 72
·540 1 2 3 4		6737 7586 8337 9140 9945	6817 7616 8418 9221 *0026	6897 7696 8498 9301 #0106	6976 7776 8578 9382 *0187	7056 7856 8658 9462 *0268	7136 7937 8789 9543 *0848	8819 9628	8097 8899 9704	7376 8177 8980 9784 *0590	7450 8257 9060 9865 *0671	80 80 80 81	81 82 1 8 8 2 16 16 3 94 25 4 82 88 5 41 41
5 6 7 8 9	85	0752 1560 2371 3183 3997	0833 1641 2452 3265 4079	0918 1722 2533 3346 4160	0994 1803 2614 8427 4242	1075 1884 2696 3509 4824	1156 1965 2777 8590 4405	1237 2046 2858 3671 4487	1318 2128 2939 3758 4568	1399 2209 3021 3834 4650	1480 2290 3102 3916 4732	80 81 81 81 81	6 49 49 7 67 67 8 05 66 9 78 74
•550		4818	4895	4977	5059	5140	5222	5804	5386	5468	5549	82	

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·500 — ·600

No.		0	1	2	3	4	5	6	7	8	9	D.		Р.	Ρ.	
·550 1 2 3 4	35	4813 5631 6451 7273 8096	4895 5713 6533 7355 8179	4977 5795 6615 7437 8261	5059 5877 6697 7520 8344	5959 6780 7602	5222 6041 6862 7684 8509	5304 6123 6944 7767 8592	5386 6205 7026 7849 8674	5468 6287 7108 7932 8757	5549 6369 7191 8014 8839	82 82 82 82 83				
5 6 7 8 9	36	8922 9749 0579 1410 2243	9005 9832 0662 1493 2326	9087 9915 0745 1576 2410	9170 9998 0828 1660 2493	9253 *0081 0911 1743 2577	9335 *0164 0994 1826 2660	9418 *0247 1077 1910 2744	9501 *0330 1160 1993 2827	9584 *0413 1243 2076 2911	9667 *0496 1327 2160 2994	82 83 83 84	1 2 3 4 5	81 8 16 24 82	82 8 10 25 38	8 17 25 33 42 50
·560 1 2 3 4		3078 3915 4754 5595 6438	3162 3999 4838 5679 6522	3245 4083 4922 5763 6606	3329 4167 5006 5847 6691	3413 4250 5090 5932 6775	3496 4334 5174 6016 6860	3580 4418 5258 6100 6944	3664 4502 5342 6185 7029	3747 4586 5426 6269 7113	3831 4670 5511 6353 7198	84 84 84 85 84	7 8 9	41 49 57 65 78	25 38 41 49 57 60 74	50 58 60 75
5 6 7		7282 8129 8978	7367 8214 9063	7451 8299 9148	7536 8383 9233	7621 8468 9318	7705 8553 9403	7790 8638 9488	7875 8723 9573	7959 8808 9658	8044 8893 9743	85 85			<b>85</b>	86
8 9 ⋅570	37	9828 0681 1535	9913 0766 1621	0851 1706	*0084 0937 1792	1022 1878	1108 1963	1193 2049	1279 2135	*0510 1364 2220	1450 2306	86 85 86	1 2 3 4 5 6 7	8 17 25 34 42 50	17 26 34 48 51	17 26 84 43
1 2 3 4		2892 3250 4111 4978	2477 8336 4197 5059	2563 3422 4283 5146	2649 3508 4369 5232	2735 3594 4455 5319	2821 3680 4542 5405	2907 3766 4628 5491	2992 3852 4714 5578	3078 3938 4800 5664	3164 4024 4887 5751	86 87 86 86	7 8 9	67	60 68 77	52 60 69 77
5 6 7 8	 	5837 6704 7572 8443	5924 6791 7659 8530	6011 6877 7746 8617	6097 6964 7833 8704	6184 7051 7920 8791	6270 7138 8007 8879	6357 7225 8094 8966	6444 7311 8181 9053	6530 7398 8268 9140	6617 7485 8355 9228	87 87 88 87	********			89
·580	38	9315 0189	9402 0277	9490 0365	9577 0452	9665 0540	9752 0627	9839 0715	9927 0808	*0014 0890	*0102 0978	87 88	1 2 3 4 5	9 17 26 35	9 18 20 35 44 58	9 18 27 36
1 2 3 4	4.0	1066 1944 2825 8707	1154 2032 2913 3796	1241 2120 3001 3884	1329 2208 3089 3972	1417 2296 3178 4061	1505 2384 3266 4149	1598 2472 3354 4238	1681 2560 3442 4826	1768 2648 8531 4415	1856 2787 3619 4508	88 88 88 89	0 7 8 9	61	58 62 70 79	45 53 62 71 80
5 6 7 8		4592 5478 6367 7258	4680 5567 6456 7347	4769 5656 6545 7436	4858 5745 6634 7525	4946 5834 6723 7614	5035 5922 6812 7704	5128 6011 6901 7798	5212 6100 6990 7882	5301 6189 7079 7072	5390 6278 7168 8061	88 89 90 89		90	91	92
.590 1 2	80	9045 9942 0841	9135 *0032 0931	9224 *0122 1021	9314 *0211 1111	9404 *0301 1201	9498 *0891 1291	9588 *0481 1381	9673 *0571 1471	9762 *0661 1562	9852 *0751 1652	90 90 90	1 2 8 4 5	45	9 18 27 36 46	9 18 28 27 46
3 4		1742 2645	1832 2735	1922 2826	2018 2916	2103 8007	2198 3097	2288 3188	2374 3278	2464 3369	2555 3459	90 91	6 7 8 9	68	55 64 78 82	55 04 74 88
5 6 7 8 9		3550 4457 5367 6278 7192	3641 4548 5458 6869 7283	8781 4689 5549 6461 7875	8822 4780 5640 6552 7466	3913 4821 5731 6643 7558	4003 4912 5822 6735 7649	4094 5008 5918 6826 7741	4185 5094 6004 6917 7832	4276 5185 6096 7009 7924	4366 5276 6187 7100 8016	91 91 91 92 91				
-600		8107	8199	8291	8382	8474	8566	8658	8749	8841	8933	92				

.600 - .700

No.		0	1	2	3	4	5	6	7	8	9	D.		P.1	Р.	
·600 1 2 3 4		8107 9025 9945 0867 1791	8199 9117 *0037 0959 1883	8291 9209 *0129 1051 1976	8382 9301 *0221 1144 2068	8474 9393 *0313 1236 2161	8566 9485 *0405 1328 2254	8658 9577 *0498 1421 2346	9669 *0590 1513	9761 *0682 1606	8933 9853 *0774 1698 2624	92 92 93 93 93	<b>-</b>		92	93
5 6 7 8 9		2717 3645 4576 5509 6443	2810 3738 4669 5602 6537	2903 3831 4762 5695 6631	2995 3924 4855 5789 6724	3088 4017 4949 5882 6818	3181 4110 5042 5976 6912	3274 4203 5135 6069 7005	4297 $5229$ $6163$	3460 4390 5322 6256 7193	3552 4483 5415 6350 7286	93 93 94 93 94	6	27 36 46 55 64 73	9 18 28 37 46 55 64 74 83	9 19 28 37 47 56 65 74 84
·610 1 2 3 4	41	7380 8319 9261 0204 1150	7474 8413 9355 0299 1244	7568 8507 9449 0393 1339	7662 8602 9543 0488 1434	7756 8696 9638 0582 1529	7850 8790 9732 0677 1623	7943 8884 9826 0771 1718	8978 9921	8131 9072 *0015 0960 1908	8225 9166 *0110 1055 2003	94 95 94 95 95	1	94 9 19 .	95 10 19	96 10 19
5 6 7 8 9		2098 3048 4000 4954 5911	2192 3143 4095 5050 6006	2287 3238 4190 5145 6102	2382 3333 4286 5241 6198	2477 3428 4381 5336 6294	2572 3523 4477 5432 6390	2667 3619 4572 5528 6486	5623 6582	2857 3809 4763 5719 6677	2952 3904 4859 5815 6773	96 96 95 96 96	6 7 8	28 38 47 56 66 75	29 38 48 57 67 76 86	29 38 48 58 67 77 86
·620 1 2 3 4	42	6869 7830 8794 9759 0727	6965 7927 8890 9856 0824	0920	7157 8119 9083 *0049 1017	1114	1211	1308	7542 8504 9469 *0436 1405	1502	1599	96 97 97 97 98	$\begin{vmatrix} 1 \\ 2 \\ 3 \end{vmatrix}$	10 19 29	98 10 20 29	99 10 20 80
5 6 7 · 8 9		1697 2669 3643 4620 5598	1794 2766 3741 4717 5696	1891 2863 3838 4815 5794	1988 2961 3936 4913 5893	2085 3058 4033 5011 5991	2182 3156 4131 5109 6089	2280 3253 4229 5207 6187	2377 3350 4326 5305 6285	2474 3448 4424 5402 6383	2571 3545 4522 5500 6481	98 98 98 98 99	5	49 58 68	39 49 59 69 78 88	40 50 59 60 79 89
·630 1 2 3 4	43	6580 7563 8549 9536 0527	6678 7661 8647 9635 0626	6776 7760 8746 9734 0725	6874 7858 8845 9833 0824	6973 795 <b>7</b> 8943 9932 0923	7071 8055 9042 *0031 1023	7169 8154 9141 *0130 1122	7268 8253 9240 *0229 1221	7366 8351 9339 *0328 1320	7464 8450 9438 *0427 1420	99 99 98 100 99	$\frac{1}{2}$	20 :	10 20	10 20
5 6 7 8 9		1519 2514 3511 4510 5512	1618 2613 3611 4610 5612	1718 2713 3711 4710 5712	1817 2813 3810 4810 5813	1917 2912 3910 4911 5913	2016 3012 4010 5011 6014	2116 3112 4110 5111 6114	2215 3212 4210 5211 6214	2315 3311 4310 5311 6315	2414 3411 4410 5412 6415	100 100 100 100 101	4 5 6 7 8	40 50 60 70	30 40 51 61 71 81	31 41 51 61 71 82 92
·640 1 2 3 4		6516 7522 8531 9542 0555	6616 7623 8632 9643 0656	6717 7724 873 <b>3</b> 9744 0758	6817 7824 8834 9845 0859	6918 7925 8935 9947 0961	7019 8026 9036 *0048 1062			7321 8329 9339 *0352 1367	7421 8430 9440 *0453 1469	101 101 102 102 101	- - - - - - - - - - - - - - - - - - -		10 21 81 41	
5 6 7 8 9		1570 2588 3609 4631 5656	1672 2690 3711 4734 5759	1774 2792 3813 4836 5862	1876 2894 3915 4939 5964	1977 2996 4017 5041 6067	2079 3098 4120 5143 6170	2181 3200 4222 5246 6272	2283 3302 4324 5349 6375	2385 3404 4427 5451 6478	2486 3507 4529 5554 6581	102 102 102 102 103	6 7 8	: [	52 62 72 82 93	
·650		6684	<b>6</b> 786	6889	6992	7095	7198	7301	7404	7507	7610	103				ļ

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·650 1 2 3 4 5 6		6684 7713 8745 9780 0817 1856 2898	6786 7816 8849 9883 0921 1960 3002	6889 7920 8952 9987 1024 2064 3106	6992 8023 9055 *0091 1128 2168 3211	7095 8126 9159 *0194 1232 2272 3315	7198 8229 9262 *0298 1336 2376 3419	8332 9366 *0402	7404 8436 9469 *0505 1544 2585 3628	8539 9573 *0609	7610 8642 9676 *0713 1752 2793 3837	103 103 104 104 104 105	102 103 104 1 10 10 10 2 20 20 20 21 3 31 31 31 4 41 41 42 5 51 52 52
7 8 9		3942 4988 6037 7088	4046 5093 6142 7193	4151 5198 6247 7299	4255 5302 6352 7404	4360 5407 6457 7509	4465 5512 6562 7615	$\frac{4569}{5617}$	4674 5722 6773	4779 5827 6878	4883 5932 6983	105 105 105 105	4
1 2 3 4	46	8142 9198 0257 1318	8247 9304 0363 1424	8353 9410 0469 1530	8458 9515 0575 1636	8564 9621 0681 1743	8670 9727 0787 1849	8775 9833 0893 1955	8881	8987 *0045 1105	9092	106 106 107 106	105 106 107 1   11 11 11 2   21 21 21 2   21 21
5 6 7 8 9		2381 3447 4515 5586 6659	2488 3554 4622 5693 6767	2594 3660 4729 5801 6874	2701 3767 4836 5908 6982	2807 3874 4943 6015 7089	2914 3981 5050 6122 7197	3020 4088 5157 6230 7305	3127 4195 5265 6337 7412	$\frac{5372}{6445}$	3340 4408 5479 6552 7627	107 107 107 107 108	1 11 11 11 2 21 21 21 21 3 82 32 32 32 4 42 42 43 5 53 53 54 6 03 64 64 7 74 74 75 8 84 85 86 9 95 95 96
·670 1 2 3 4	47	7735 8813 9894 0977 2063	7843 8921 *0002 1086 2172	7951 9029 *0111 1194 2280	8058 9137 *0219 1303 2389	8166 9245 *0327 1411 2498	1520 2607	8382 9462 *0544 1628 2716	8490 9570 *0652 1737 2825	8598 9678 *0760 1846 2933	8705 9786 *0869 1954 3042	108 108 108 109 109	108 109 110 1   11 11 11 2   22 22 22 3   82 83 88
5 6 7 8 9		3151 42 <b>42</b> 5335 6431 7529	3260 4351 5445 6541 <b>76</b> 39	3369 4460 5554 6650 7749	3478 4570 5664 6760 7859	3587 4679 5773 6870 7969	3696 4788 5883 6980 8079	3805 4898 5992 7090 8189	3915 5007 6102 7200 8300	4024 5116 6212 7309 8410	4133 5226 6321 7419 8520	109 109 110 110 110	4 48 44 44 5 54 55 55 6 05 05 66 7 70 70 77 8 86 87 88 9 07 98 90
.680 1 2 3 4	48	8630 9733 0839 1948 8059	8740 9844 0950 2059 3170	1061 2170 3281	8961 *0065 1172 2281 3393	1282 2392 3504	1393 2503 3615	1504 2614 3727	1615 2725 3838	9513 *0618 1726 2836 3949	18 <b>37</b> 2948 4061	110 110 111 111 111	111 112 113 1 11 11 11 2 22 22 23 3 33 84 84 4 44 45 45
5 6 7 8 9		4172 5289 6407 7528 8652	4284 5400 6519 7641 8765	4895 5512 6631 7753 8877	4507 5624 6743 7865 8990	4619 5786 6855 7978 9108	4730 5848 6968 8090 9215	4842 5959 7080 8203 9828	4953 6071 7192 8815 9441	5065 6183 7304 8427 9553	5177 6295 7416 8540 9666	112 112 112 112 113	4 44 45 45 5 50 50 57 6 67 67 67 7 78 78 78 8 89 90 90 9 100 101 102
·690 1 2 3 4	49		1021 2158 8287 4425	*0004 1134 2266 3401 4538	*0117 1247 2380 3515 4652	*0230 1360 2493 3628 4766	*0343 1478 2606 3742 4880	1587 2720 3856 4994	*0569 1700 2833 3969 5108	*0682 1813 2947 4083 5222	1926 8060 4197 5336	113 114 114 114 114	114 115 116 1 11 12 12 2 28 28 28 28 3 34 36 35 4 40 46 46 5 57 58 58 6 68 60 70 7 80 81 81 8 91 92 98
5 6 7 8 9	50	5450 6592 7737 8884 0035	5564 6707 7852 8999 0150	5678 6821 7966 9114 0265	5793 6935 8081 9229 0380	5907 7050 8196 9844 0495	6021 7164 8310 9459 0611	6135 7279 8425 9574 0726	6249 7398 8540 9689 0841	6864 7508 8655 9804 095 <b>6</b>	6478 762 <b>2</b> 8770 991 <b>9</b> 1072	114 115 114 116 115	6 08 60 70 7 80 81 81 8 91 92 93 9 103 104 104
·700		1187	130 <b>3</b>	1418	1534	1649	1765	1880	1996	2111	2227	116	

Illogs of Red Numbers taken from this Table are negative. Their Mantissac must be made positive in the usual way.

·700 — ·800

#### ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·700 1 2	50	1187 2343 3501	1303 2458 3617	2574	2690	2805	1765 2921 4081	1880 3037 4197	$\frac{3153}{4313}$	$\frac{3269}{4429}$	3385 4545	116 116 116	115 116 117 1   12 12 12
3 4 5		4661 5825 6991	4778 5941 7107	6058	6174	6291	5243 6407 7575	5359 6524 7692	6641	6757	6874	117	1 12 12 12 2 28 28 28 3 85 36 85 4 46 46 47 6 58 58 58 59 6 60 70 70 7 81 81 82
6 7 8 9	51	8159 9331 0505 1682	8276 9448 0623 1800	8394 9565 0740	8511 9683 0858	8628 9800 0975	8745 9918 1093 2271	8862 *0035 1211 2389		*0270 1446	*0387 1564	117 118 118 118	7 81 81 82 8 92 98 94 9 104 104 105
·710		2861 4044 5229	2979 4162 5347	5466	4399 5585		3452 4636 5822	8570 4754 5941	3689 4873 6060	$\frac{4991}{6179}$		119 119 119	118 119 120 1 12 12 12 2 24 24 24 8 86 86 86
3 4 5		6416 7607 8800	6535 7726 8920		7965 9159	6892 8084 9278	7011 8203 9398	7130 8322 9517	7249 8442 9637	9757	7488 8681 9876	119 119 120	4 47 48 48 5 50 60 60 6 71 71 72 7 88 88 84 8 94 95 96 9 106 107 108
6 7 8 9	52	9996 1195 2396 3600	*0116 1815 2516 3721	*0236 1435 2637 3842	2757		*0595 1795 2998 4204	**0715 1915 3118 4324	**0835 2035 3239 4445	*0955 2156 3359 4566	*1075 2276 3480 4687	120 120 120 120	121 122 128
·720 1 2 3 4		4807 6017 7230 8445 9663	4928 6138 7351 8567 9785	5049 6260 7473 8689 9907	5170 6381 7594 8810 *0029	8932	5412 6623 7837 9054 #0274	5533 6744 7959 9176 *0396	5654 6866 8080 9298 90518	5775 6987 8202 9420 #0640		121 122 121 122 122	2 24 24 26 3 36 87 87 4 48 49 49 5 61 61 62 6 73 78 74 7 85 86 86 8 97 98 98
5 6 7 8 9	53	0884 2108 3835 4564 5797	1007 2231 8458 4687 5920	1129 2858 3581 4811 6048	1251 2476 3703 4934 6167	1374 2599 3826 5057 6290	1496 2721 3949 5180 6414	1618 2844 4072 5303 6537	1741 2967 4195 5427 6661	1868 3089 4318 5550 6785	1986 3212 4441 5673 6908	122 128 123 124	124 125 128 1 12 18 18 2 26 25 25 3 157 38 88
·730 1 2 3	54	7032 8270 9511 0754	7155 8394 9635 0879	7279 8518 9759 1003	7408 8642	7527 8766 *0008 1253	7650 8890 *0132 1377	7774 9014	7898 9188	8022 9262	8146 9386	124 124 125 124 126	#
5		2001 8250	2126 8375	2251 3501	2875 8626	2500 8751	2625 3876	2750 4001	2875 4127	8000 4252	3125 4377	135	127 128 129
6 7 8 9		4503 5758 7016 8277	4628 5884 7142 8408	4753 6009 7268 8530	4879 6135 7394 8656	5004 6261 7520 8782	5130 6887 7646 8909	5255 6512 7772 9035	5381 6638 7898 9161	5507 6764 8025 9288	5632 6890 8151 9414	126 126 126 127	1 18 18 18 26 26 26 8 38 38 89 4 51 51 52 6 64 64 65 6 70 77 77 7 80 90 90
·740 1 2 3	55	9541 0808 2077 8850	9667 0985 2205 3478	9794 1061 2382 3605	1188 2459	*0047 1315 2586 3860	*0174 1442 2718 3988	*0301 1569 2841 4115	*0427 1696 2968 4243	*0554 1828 3095 4370	*0681 1950 3223 4498	127 127 127 127 128	7 80 90 90 8 102 103 108 9 114 115 116
5		4626 5904	4758 6082	4881 6160	5009 6288	5137 6416	5265 6545	5392 6673	5520 6801	5648 6929	5776 7057	128 129	180 1   18 2   96
6 7 8 9		7186 8470 9758 1048		8727 *0015	7571 8856 *0144 1436	7699 8985 *0273 1565	7828 9114 *0402 1694	7956 9242 *0581 1824	8085 9371 9371 0661 1953	8213 9500 #0790 2082	8342 9629 *0919 2212	128 129 129 129	8   89 4   52 5   65 6   78 7   91 8   104
·750		2841	2471	2600	2780	2859	2989	8119	3248	3378	3508	130	9   117

positiv	e in	the us	ual wa		II	LO	GS (	Antil	logs)	•		•	700 – .800
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·750 1 2 3 4	56	2341 3638 4937 6239 7545	2471 3767 5067 6370 7675	2600 3897 5197 6500 7806	2730 4027 5327 6631 7937	2859 4157 5458 6761 8068	2989 4287 5588 6892 8198	3119 4417 5718 7022 8329	3248 4547 5848 7153 8460	3378 4677 5979 7283 8591	3508 4807 6109 7414 8722	130 130 130 131 131	129 130 131 1
5 6 7 8 9	57	8853 0164 1479 2796 4116	8984 0296 1610 2928 4249	9115 0427 1742 3060 4381	9246 9558 1874 3192 4513	9377 0690 2005 3324 4645	9508 0821 2137 3456 4778	9639 0953 2269 3588 4910	9771 1084 2400 3720 5043	9902 1216 2532 3852 5175	*0033 1347 2664 3984 5307	131 132 132 132 133	5   65   65   66   67   77   78   70   77   79   70   90   91   92   8   103   104   105   9   116   117   118
.760 1 2 3 4	58	5440 6766 8096 9429 0764	5572 6899 8229 9562 0898	5705 7032 8362 9696 1032	5838 7165 8496 9829 1166	5970 7298 8629 9963 1300	6103 7431 8762 *0096 1433	6235 7564 8895 *0230 1567	6368 7697 9029 *0363 1701	6501 7830 9162 *0497 1835	6634 7963 9295 *0631 1969	132 133 134 133 134	1 13 13 18 2 26 27 27 8 40 40 40 4 53 53 54 5 60 67 67 6 70 80 80 7 92 93 94
5 6 7 8 9		2103 3445 4790 6138 7489	2237 3579 4925 6273 7625	2371 3714 5059 6408 7760	2505 3848 5194 6543 7895	2640 3983 5329 6678 8031	2774 4117 5464 6813 8166	2908 4252 5599 6949 8302	3042 4386 5733 7084 8437	3176 4521 5868 7219 8573	3311 4655 6003 7354 8708	134 135 135 135 136	8   100 100 107 9   119 120 121   135 136 137 1   14 14 14 2   27 27 27
.770 1 2 3 4	59	8844 0201 1562 2925 4292	8979 0337 1698 3062 4429	9115 0473 1834 3198 4566	9251 0609 1970 3335 4703	9386 0745 2107 3472 4840	9522 9881 2243 3698 4977	9658 1017 2379 3745 5114	9794 1153 2516 3882 5251	9929 1289 2652 4019 5388	*0065 1425 2789 4155 5525	136 137 136 137 187	2   27 27 27 3   41 41 41 4 54 54 55 5 08 08 60 6 81 82 82 7 95 95 90 8 108 109 110 9 122 122 123
5 6 7 8 9	60	5662 7035 8412 9791 1174	5799 7173 8549 9929 1812	5937 7310 8687 *0067 1451	6074 7448 8825 *0206 1589	6211 7585 8963 *0844 1728	6348 7723 9101 *0482 1866	6486 7861 9239 *0620 2005	6023 7998 9377 *0759 2143	6760 8136 9515 *0897 2282	6898 8274 9653 *1035 2421	137 138 138 139 139	138 139 140 1   14 14 14 2   28   28   28 8   41   42   42 4   55   56   56
·780 1 2 3 4		2560 8949 5841 6736 8135	2698 4088 5480 6876 8275	2837 4227 5620 7016 8415	2976 4366 5759 7156 8555	3115 4505 5899 7295 8695	3254 4644 6088 7485 8836	3393 4784 6178 7575 8976	3532 4923 6317 7715 9116	3671 5062 6457 7855 9256	3810 5202 6597 7995 9807	139 139 139 140 140	5 09 70 70 6 83 88 84 7 97 97 98 8 110 111 112 0 124 125 126
5 6 7 8 9	61	9537 9942 2350 3762 5177	9677 1083 2491 3903 5319	9818 1228 2632 4045 5460	9958 1364 2774 4186 5602	*0099 1505 2915 4828 5744	*0239 1646 3056 4469 5886	*0380 1787 3197 4611 6027	*0520 1928 3338 4752 6169	*0661 2068 3479 4894 6311	*0801 2209 3621 5035 6453	141 141 141 142 142	141 142 148 1 14 14 14 2 28 28 20 3 42 48 43 4 56 57 57 5 71 71 72 6 85 85 86 86
·790 1 2 3 4	62	6595 8016 9441 0869 2300	6787 8159 9584 1012 2444	6879 8301 9726 1155 <b>2</b> 587	7021 8443 9869 1298 2730	7163 8586 *0012 1441 2874	7305 8728 *0155 1584 3017	7447 8871 *0297 1727 3161	7590 9013 *0440 1871 3304	7732 9156 *0583 2014 8448	7874 9298 *0726 2157 3591	142 148 143 143 144	7   00   00   100   8   113   114   114   114   0   127   128   120   144   145   146
5 6 7 8 9		3735 5178 6614 8058 9506	3878 5317 6758 8203 9651	4022 5461 6902 8348 9796	4166 5605 7047 8492 9 <b>94</b> 1	4310 5749 7191 8637 #0086	4453 5893 7336 8782 *0231	4597 6037 7480 8927 **0376	4741 6181 7625 9071 *0522	4885 6325 7769 9216 *0667	5029 6470 7914 9361 *0812	144 144 144 145 145	1 14 15 15 29 29 20 20 3 43 44 44 458 58 58 58 58 572 73 78 6 86 87 88 7 101 102 102 8 115 116 117
-800	63	0957	1103	1248	1893	1539	1684	1880	1975	2121	2266	146	9   180 181 181

Illogs of Red Numbers taken from this Table are negative. Their Mantissae must be made positive in the usual way.

 $\cdot 800 - \cdot 900$ 

#### ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
-800 1 2 3 4	63	3 0957 2412 3870 5331 6796	2557 4016 5477	$\frac{4162}{5624}$	2849 4308	1539 2995 4454 5916 7382	1684 3140 4600 6063 7529	3286 4746 6209	4892	3578 5038 6502	$3724 \\ 5185 \\ 6649$	146 146 146 147 146	145 146 147 148
5 6 7 8 9	64	8263 9735 1210 2688 4169	9882 1357 <b>2</b> 836		*0177 1653 3132	*0324	8999 *0472 1948 3428 4911	*0619 2096 3576	*0767 2244 3724			147 148 148 148 148	1 15 15 15 15 15 2 2 29 29 29 30 3 44 44 44 44 44 44 458 58 58 59 59 57 102 102 103 104 8 116 117 118 118 118 113 131 131 131 131 131 131
·810 1 2 3 4	65	0130		7441	6100 7590 9083 0579 2079	6249 7739 9232 0729 2229	6398 7888 9382 0879 2379	6547 8037 9531 1028 2529	6696 8187 9681 1178 2680	6845 8336 9830 1328 2830	6994 8485 9980 1478 2980	149 149 150 150 151	149 150 151 152 1   15 15 15 15 15 2   30 30 30 30
5 6 7 8 9		3131 4636 6145 7658 9174	3281 4787 6296 7809 9326	3431 4938 6448 7961 9478	$\frac{5089}{6599}$	3732 5239 6750 8264 9781	8415 9933	5541 7052 8567	4184 5692 7204 8719 *0237	$\frac{5843}{7355}$	4485 5994 7506 9022 *0541	151 151 152 152 152	3 45 45 45 46 4 60 60 60 61 5 75 75 76 76 6 89 90 91 91 7 104 105 106 106 8 119 120 121 122 9 134 135 136 137
·820 1 2 3 4	66	0693 2217 3743 5273 6807	0846 2369 3896 5426 6960	0998 2522 4049 5580 7114		1302 2827 4355 5886 7421	1455 2979 4508 6040 7575	1607 3132 4661 6193 7729	1759 3285 4814 6346 7882	1912 3437 4967 6500 8036	2064 3590 5120 6653 8190	153 153 153 154 154	153 154 155 156 1   15 15 16 16 2   31 31 31 31 3   46 46 47 47
5 6 7 8 9	67	$9885^{\frac{1}{2}}$	*0039 1583 3132		*0348		*0656		9422 *0965 2512 4062 5616		9730 *1274 2822 4373 5927	155 155 155 155 156	4 61 62 62 62 5 77 77 78 78 6 92 92 98 04 7 107 108 109 109 8 122 123 124 125 9 138 189 140 140
·830 1 2 3 4	68	9204	6239 7798 9360 0926 2496	7954 9516 1083	8110 9673 1 <b>2</b> 40	6706 8266 9829 1397 2967	8422 9986 * 1554	8578 *0143* 1711			7485 9047 *0613 2182 3754	157 157 156 157 158	157 158 159 160 1 16 16 16 16 2 31 32 32 32 3 47 47 48 48
5 6 7 8 9	69	$\begin{array}{c} 7068 \\ 8652 \end{array}$	4069 5646 7227 8811 0399	7385 8970	$\begin{array}{c} 7543 \\ 9128 \end{array}$	4542 6120 7702 9287 0876	9446	4857 6436 8018 9604 1194		5173 6752 8335 9922* 1512	5330 6910 8494 60081 1672	158 158 158 159 159	4 63 63 64 64 5 79 79 80 80 6 94 95 95 96 7 110 111 111 112 8 126 126 127 128 9 141 142 148 144
·840 1 2 3 4		3426 5024 6627	5184 6787	2150 3745 5344 6947 8554	3905 5505 7108	5665 7268	$\frac{5825}{7429}$	5985 7590	7750	3107 4704 6306 7911 9520	8072	160 160 161 160 161	161 162 163 164 1 16 16 16 16 2 32 32 33 33 8 48 49 49 49 4 64 65 65 66
5 6 7 8 9	70	1455 3072 4693	1617 3234 4855	*0164** 1778 3396 5018 6643	1940 3558 5180	2102 3720 5342	3882 5505	2425 4044 5667	2587 4206	2749 4369 5992	2910 4531	161 162 162 163 163	5 81 81 82 82 82 86 97 97 98 98 7 113 113 114 115 8 129 130 130 131 9 145 146 147 148
·850	,	7946	8109	8272	8435	8598	8761	8925	9088	9251	9414	164	

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	0	1	2	3	4	5	6	7	8	9	D.	P.P.
	7946 9578 1214 2853 4496	8109 9741 1377 3017 4661	8272 9905 1541 3181 4825	8435 *0068 * 1705 3346 4990			8925 *0559 2197 3839 5484	9088 *0722 2361 4003 5649	9251 *0886 2525 4167 5814	9414 *1050 2689 4332 5979	164 164 164 164 164	163 164 165 166 1   16 16 17 17 17 2 33 33 33 33 33 33 34 49 49 50 50 50 46 66 66 66 66 66
2	6143 7794 9449 1107 2770	6308 7960 9615 1274 2936	6473 8125 9780 1440 3103	6638 8290 9946 1606 3269	6803 8456 *0112 1772 3436	6968 8621 *0278 1938 3602	7133 8787 *0444 2104 3769	7299 8952 *0610 2271 3936	7464 9118 *0775 2437 4102	7629 9283 *0941 2603 4269	165 166 166 167 167	5 82 82 83 83 6 08 98 00 100 7 114 115 116 116 8 130 131 132 133 9 147 148 140 149 167 168 169 170
3	4436 6106 7780 9458 1139	$\begin{array}{c} 4603 \\ 6273 \\ 7947 \\ 9625 \\ 1307 \end{array}$	4770 $6440$ $8115$ $9794$ $1476$	4937 6608 8283 9962 1644	5103 6775 8450 *0130 1813	*0298	5437 7110 8786 *0466 2150	*0634	5772 7445 9122 *0802 2487	5939 7612 9290 *0971 2656	167 168 168 168 169	1   17   17   17   17   17   2   38   34   34   34   34   34   35   50   50   51   51   4   67   67   68   68   5   84   84   85   85   6   100   101   101   102   7   117   118   118   119
	2825 4514 6207 7904 9605	2998 $4683$ $6377$ $8074$ $9776$	3162 $4852$ $6546$ $8244$ $9946$	3331 5021 6716 8414 *0116	3500 5191 6885 8584 *0287	3669 5360 7055 8754 *0457	3838 5529 7225 8924 *0628	7395	4176 5868 7564 9265 *0969	9435	169 169 170 170 170	$\begin{bmatrix} 8 & 134 & 134 & 135 & 136 \\ 9 & 150 & 151 & 152 & 153 \end{bmatrix}$ $\frac{171 & 172 & 173 & 174}{1 + 17 & 17 & 17 & 17}$
4	1310 3019 4732 6449 8170	1481 3190 4903 6621 8342	1652 3361 5075 6793 8514	1822 3533 5247 6965 8686	1993 3704 5418 7137 8859	2164 3875 5590 7309 9031	2335 4046 5762 7481 9204	4218 5933 7653	2677 4389 6105 7825 9549	2848 4561 6277 7997 9722	171 171 172 173 172	2
75	9894 1623 3356 5092 6833	*0067 1796 3529 5266 7007	*0240 1969 3703 5440 7182		*0585 2315 4050 5788 7530	*0758 2489 4223 5962 7705	2662	$\frac{4571}{6310}$	*1277 3009 4745 6484 8228	3182 4918 6659	173 174 174 174 175	175 178 177 1   18   18   18 2   36   35   36 3   53   53   53
76	8578 0326 2079 3836 5597	8752 0501 2255 4012 5778	8927 0677 2430 4188 5949		$\begin{array}{c} 9277 \\ 1027 \\ 2781 \\ 4540 \\ 6302 \end{array}$	9451 1202 2957 4716 6479	$\frac{3133}{4892}$	1553 3308 5068	9976 1728 3484 5244 7008	$\frac{3660}{5420}$	175 175 176 177 176	4 70 70 71 5 88 88 80 6 105 106 106 7 123 123 124 8 140 141 142 9 158 159
77	7861 9130 0903 2681 4462	7588 9308 1081 2859 4640	7715 9485 1259 8036 4819	3215	8069 9839 1614 8393 5175	8245 *0016 1792 3571 5354	*0194 1969 3749	*0371 2147 3927	8776 *0549 2325 4105 5890	*0726 2503 4288	177 177 178 179 179	178 179 180  1   18 18 18 2   36 36 36 3   53 54 54 4   71 72 72 5   80 10 00 6   107 107 108
78	6247 8037 9830 1628 3430	6426 8216 *0010 1808 3610	8395 *0189 1988	8574 *0369 2168	6962 8753 *0549 2848 4152	7141 8933 *0728 2528 4332	9112 *0908 2708	9292 *1088 2889	3069	9651 *1448 3249	180 170 180 181 181	7   125   125   126 8   142   148   144 9   160   161   162
79	5236 7046 8860 0679 2501	5416 7227 9042 0861 2684	7408 9223 1043	7590 9405 1225	5959 7771 9587 1407 3232	6140 7952 9769 1589 3414	8134 9951 1772	*0133	8497 *0315 2136	8678 *0497 2319	181 182 182 182 183	1   18 18 18 2 30 80 87 8 54 55 65 4 72 73 73 5 91 91 92 6 109 109 110 7 127 127 128 8 145 146 140 9 163 164 105
ĺ	4828	4511	4694	4877	5060	5243	5426	5610	5798	5976	183	

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#### ILLOGS (Antilogs).

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
·900 1 2 3 4		9834 1678	6343 8178 *0018	6526 8362	6710 8546	6893 8730	5243 7076 8914 *0756 2602	7260 9098 *0940	) 744. 3 928: )*112.	1 7627 2 9466 1*1309	7811 9650 *1493	184 184 185	1 183 184 185 186 1 18 18 10 10 2 37 37 87 37 3 55 56 56 56 4 73 74 74 74
5 6 7 8 9	81	3526 5378 7235 9096 0961	5564 7421 9282	5749 7607 9469	4081 5935 7793 9655 1521	4267 6121 7979 9841 1708	4452 6306 8165 *0028 1895	6492 8351 *0214	8 6678 8537 80401	6863 68723 6888	7049 8910 準0774	186	5   92   92   93   93   93   93   93   94   94   94
·910 1 2 3 4	82	2831 4704 6582 8465 0352	6770 8653	3205 5080 6959 8842 0729	3392 5267 7147 9030 0918	3580 5455 7335 9219 1107	3767 5643 7523 9408 1297		6018 7900 9785	6206 8088 9974	6394 8276 *0163	187 188 189 189 190	8 66 66 67 67 4 76 76 76 76 6 94 94 95 95 6 112 113 113 114
5 6 7 8 9		2243 4138 6038 7942 9851	2432 4328 6228 8133 *0042	2621 4518 6418 8324 *0233	2811 4708 6600 8514 *0424	3000 4898 6799 8705 *0615	3190 5087 6990 8896 *0807	3379 5277 7180 9087 *0998	5468 7370 9278	5658 7561	3948 5848 7752 9660 *1572	190 190 190 191 192	8   150 150 151 152   0   168 169 170 171   191 192 193 194
·920 1 2 3 4	83	1764 3681 5603 7529 9460	1955 3873 5795 7722 9653	2147 4065 5988 7915 9847	2339 4257 6180 8108 *0040		2722 4642 6566 8494 *0427	2914 4834 6758 8687 *0621	5026 6951 8880	5218 7144	3489 5411 7336 9267 *1201	192 192 193 193 194	2 88 98 90 90 3 67 58 58 68 4 76 77 77 78 5 96 96 97 17 97 6 115 115 116 116 7 184 194 195 186 8 153 154 164 165
5 6 7 8 9	84	1895 3835 5279 7227 9180	1589 3529 5474 7423 9376	1783 3723 5668 7618 9572	1977 8918 5863 7813 9767	2170 4112 6058 8008 9963	2364 4306 6253 8203 *0159	2558 4501 6447 8399 *0354		2946 4890 6837 8790 *0746		194 195 195 195 196	198 198 197 198 198 198 197 198 1 7 20 20 20 20 2   30 39 40 2   50 49 50 69
·930 1 2 3 4	85	1138 3100 5067 7038 9014	1334 8297 5264 7235 9211	1530 3493 5461 7433 9409	1726 3690 5658 7630 9607	1922 3886 5855 7828 9805	2119 4083 6052 8025 *0003	2315 4280 6249 8223	2511 4476 6446 8420 *0899	2707 4673 6643 8618 #0507	2904 4870 6841 8816 #0706	196 197 197 198 198	4 78 78 70 70 6 94 98 99 90 6 117 118 118 119 7 127 127 128 129 8 164 167 168 168 9 176 176 177 178
5 6 7 8 9	86	0994 2979 4968 6962 8960		3376 5366 7361	1589 8575 5566 7561 9561	1787 3774 5765 7761 9761	1986 8978 5964 7961 9961	2184 4172 6164 8160 *0162	2888 4871 6868 8860 *0862	2581 4570 8568 8560 8560*	2780 4769 6762 8760	199 199 200 200 201	199 200 201 202 1 20 20 20 20 20 2 40 40 40 40 8 60 60 60 61 4 80 80 90 81 5 100 100 101 101
·940 1 2 3 4	87	0964 2971 4984 7001 9028	8172 5185 7203	3373 5387 7405	3575 5588	7809	1967 3977 5992 8011 *0085	8213	8416	2569 4581 6597 8618 *06434	8820	201 202 202 203 203	d 119 190 191 191 7 199 140 141 141 M 159 160 161 169 9 179 190 181 182 903 204 305 206
5 6 7 8 9		5116 7156	3283 5319	3487 5523 7565	8690 5 <b>72</b> 7	5931 7978	4097 6135	8888	4504 6543 8587	8792	2877 4912 6952 8996		1   20   20   21   21   21   41   41   41   41   41
.950		1251	1456	1661	1867	2072				2894	1	206	n   162 163 164 165 0   183 184 183 185

Illogs of Red Numbers taken from this Table are negative. Their Mantissae must be made positive in the usual way.

### ILLOGS (Antilogs).

·900 - ·000

							45 (	,— <b>——</b> —		٠,٠			
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
.950 1 2 3 4	89	1251 3305 5365 7429 9498	1456 3511 5571 7635 9705	3717 5777 7842	1867 3923 5983 8049 *0119	2072 4129 6190 8256 *0326	2278 4335 6396 8463 *0534		8876	4953 7016 9083	$7222 \\ 9290$	205 206 207 208 207	207 208 209 210 1   21 21 21 21 21 2   41 42 42 42 3   62 02 63 63 4   83 83 84 84
5 6 7 8 9	90		8030	$\frac{4066}{6150}$	2194 4274 6358 8448 *0542	4482 6567 8657	2610 4690 6776 8866 *0961	4899 6985 9076	$7194 \\ 9285$		5524 $7612$ $9704$	208 209 209 209 210	5   104 104 105 105 6   124 125 125 126 7   145 146 146 147 8   106 106 167 168 9   186 187 188 180 211 212 213 214
·960 1 2 3 4		2011 4113 6220 8333 0450	$\begin{array}{c} 6431 \\ 8544 \end{array}$	$\begin{array}{c} 4534 \\ 6643 \end{array}$	2641 4745 6854 8967 1086	2851 4956 7065 9179 1298	3061 5166 7276 9390 1510	3272 5377 7487 9602 1722			<b>*023</b> 8	210 210 212 212 212 212	1 21 21 21 21 21 2 42 42 43 43 3 63 64 64 64 4 84 85 85 86 5 100 106 107 107 6 127 127 128 128 7 148 148 149 150
5 6 7 8 9	93	2571 4698 6830 8966 1108	4911 7043 9180	2996 5124 7257 9394 1537	3209 5337 7470 9608 1751	3422 5550 7684 9822 1966	7897 *0037	$\begin{array}{c} 5977 \\ 8111 \end{array}$	8325 *0465	8539	6616 8753 *0894	213 214 213 214 215	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
.970 1 2 3 4	94	3254 5406 7562 9723 1890	7778 $9940$		*0373	4114 6268 8426 *0589 2758	6483 8642 *0806	8858 *1022	$6915 \\ 9074$	7130 9291 *1456	7346 9507 *1673	216 216 216 217 217	2 48 48 48 44 3 65 65 65 65 4 86 86 87 87 5 108 108 109 109 6 120 130 130 131 7 151 151 152 153 8 172 173 174 174 9 104 104 105 100
5 6 7 8 9	95	4061 6237 8418 0605 2796	$\begin{array}{c} 6455 \\ 8637 \\ 0824 \end{array}$		4713 6891 9074 1262 8455	4931 7109 9292 1481 3674	5148 7327 9511 1700 8894	7545 9730 1919	7764 $9948$ $2138$	7982 *0167 2357		218 218 219 219 220	219 220 221 222 1   22 22 22 22 2   44 44 44 44 8   66   66   66   67 4   88   88   88
·980 1 2 3 4	96		$7414 \\ 9622 \\ 1834$	$\frac{9843}{2055}$		5873 8076 *0285 2498 4717	8297	*0727 2942	8738 *0948 3163	8959 *1170 3385	9180 *1891	220 221 221 222 223	5 110 110 111 111 6 131 192 188 138 7 168 164 165 165 8 175 170 177 178 9 197 198 199 200
5 6 7 8 9	97	6051 8278 0510 2747 4990	$8501 \\ 0733 \\ 2971$	8724 0957 8195	6718 8947 1181 3419 5668	9170 1404 3644	7164 9393 1628 3868 6113	$\frac{1852}{4092}$	9840 2070 4316	2299 4541	*0287 2528 4765	223 223 224 225 225	223 224 225 226  1
·990 1 2 3 4	98	9490 1748 4011	$1974 \\ 4238$	9941 2200	*0167 2426 4691	$\frac{2653}{4918}$		*0844 3105 5372	*1070 3332 5598	*1296 3558 5825		226 226 226 227 228	227 228 229 230
5 6 7 8 9	99	8553 0832 3116 5405 7700	1060 3345 5635	8574 5864	1517 3802 6093	1745 4031 6328	9692 1978 4260 6552 8849	2202 4489 6782	2430 4718 7011	2659 $4947$ $7241$	5176	228 229 229 230 230	8
-000	100	0000	0230	0461	0691	0921	1152	1383	1613	1844	2074	281	9 204 205 206 207

# LOLOGS OF NUMBERS

(LOGS OF LOGS OF NUMBERS)

FROM

0.00100 to 1,000

TO

FIVE DECIMAL PLACES.

0.0010	-(	J·00	55
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No.		0	1	2	3	4	5	6	7	8	9	D.
0.0010		712	649	587	526	465	404	344	285	226	167	58
1	0.41	109	051	*994	*937	*880	*824	*769	*714	*659	*604	54
2	0.46		497	444	391	338	286	234	183	132	081	51
3	"."	030	*980	*930	*881	*832	*783	*735	*686	*638	*591	48
4	0.45	543	496	450	403	357	311	265	220	175	130	45
5		085	041	*997	*953	*909	*865	*822	*779 362	*737 321	*694 $281$	42
6	0.44	652	610	568	$\frac{526}{122}$	$\frac{485}{082}$	$\frac{444}{043}$	403 004	*965	*926	*888	33
7 8	0.49	241	201 812	161 774	736	699	661	624	587	550	513	36
9	0.43	$\frac{850}{477}$	440	404	368	332	296	261	225	190	155	35
0.0020		120	085	050	016	<b>*981</b>	*947	*913	*879	#845	*811	34
1	0.42	777	744	711	677	644	611	579	546	513	481	32
2	"	449	416	384	352	320	289	257	226	194	163	31
3		132	101	070	039	009	*978	*947	*917	*887	*857	30
4	0.41	827	797	767	737	707	678	648	619	590	561	29
5		532	503	474	445	417	388	359	331	303	275	28
6		247	218	191	162	135	107	080	052		*998	28
7	0.40	970	943	916	889	862	835	809	782	755	729	27
8 9	}	702	676	650	624	597	571 215	$\frac{545}{290}$	520 265	$\frac{494}{240}$	$\frac{468}{215}$	26
9	1	442	417	391	366	340	315	200	000	0 والد	210	25
0.0030	}	190	165	140	115	090	066	041	017	*992	#968	24
1	0.39	944	920	895	871	847	823	799	776	752	728	24
2		704	681	657	634	610	587	564	541	517	494	23
3 4		471	448	425	402	380	$\begin{array}{c} 357 \\ 132 \end{array}$	334	311 088	289 066	$\frac{266}{044}$	22
1 *		244	221	199	177	1.54	102	110	Von	000	0.1.1	22
5	1	022	000	*978	*956	*934	*913	*891	*869	*848	<b>*826</b>	21
6	0.38	805	783	762	741	719	698	677	656	635	614	21
7 8	j	593	572	551	530	509	489	468	447	$\frac{427}{223}$	406	21
) °		385	$\begin{array}{c} 365 \\ 162 \end{array}$	$\frac{344}{142}$	$\frac{324}{122}$	$\frac{304}{103}$	283 083	$\frac{263}{063}$	$\frac{243}{043}$	023	$\begin{array}{c} 203 \\ 004 \end{array}$	20
1		183	102	142	1.00	100	000	01141	040	020	004	20
0.0040	0.37	984	964	945	925	905	886	867	847	828	808	19
1 2	1	789	770	751	732	712	693	674	655	636	617	19
3	}	598 411	$\frac{579}{393}$	$\frac{561}{374}$	$\frac{542}{356}$	523 337	$\frac{504}{319}$	$\frac{486}{301}$	$\frac{467}{282}$	$\frac{448}{264}$	$\frac{430}{246}$	19
4	1	228	209	191	173	155	137	119	101	083	065	18
		220	200	101	110	200	10.	110	101	<b>()</b> ((1)	000	10
5		047	030	012	*994	*976	*958	*941	*923	+906	*888	18
6 7	0.36		853	835	818	800	783	766	748	731	714	18
8	İ	696 5 <b>2</b> 6	679 509	$\begin{array}{c} 662 \\ 492 \end{array}$	$\frac{645}{475}$	$\frac{628}{458}$	611 441	$\frac{594}{424}$	$\begin{array}{c} 577 \\ 408 \end{array}$	560 391	$\frac{543}{374}$	17
ğ	}	358	341	324	308	291	275	258	242	225	209	16
1		200	U 4.4		500	ar U A.	2117		~ 1 2		******	''
0.0050		192	176	160	143	127	111	094	078	062	046	16
1 2		030	013	*997	*981	*965	*949	*933	*917	+901	1885	15
3	0.35		854	838	822	806	790	775	759	743	728	16
4	}	712 557	$\begin{array}{c} 696 \\ 541 \end{array}$	$\begin{array}{c} 681 \\ 526 \end{array}$	$\frac{665}{511}$	$\frac{650}{495}$	634 48 <b>0</b>	$\begin{array}{c} 619 \\ 465 \end{array}$	$\begin{array}{c} 603 \\ 450 \end{array}$	$\frac{588}{434}$	$\frac{572}{419}$	15
5		40.4	000	0.5.	0 * 0	0.45	0.00					}
, ,	J	404	389	374	358	343	398	212	908	983	909	1.5

D.	1	2	3	4	5	6	7	8	9
63 62 61 60 59	6 6	15 01 21 21 21 21 21 21 21 21 21 21 21 21 21	19 19 18 18	25 25 24 24 24	32 31 31 30 30	38 37 37 36 35	44 43 43 42 41	50 50 49 48 47	57 56 55 54 53
58 57 56 55	66	12 11 11 11	17 17 17 17 16	28 28 22 22 22 22	29 29 28 28 27	35 34 34 33 32	41 40 39 39 38	46 46 45 44 43	52 -51 -50 -50 -49
50 52 51 50 49	55555	11 10 10 10	16 16 15 15	21 21 20 20 20	27 26 26 25 25	32 31 31 30 29	37 36 36 35 34	42 42 41 40 39	48 47 46 45 44
37 47 44 44	5 5 5 4	10	14 14 14 14	19 19 18 18 18	24 23 23 23 22	29 28 28 27 26	34 33 32 32 31	38 38 37 36 35	43 42 41 41 40
13 41 40 30	1 1 1 1	9 8 8 8 8	13 12 12 12	17 $16$ $16$ $16$	22 21 21 20 20	26 25 25 25 24 23	30 29 29 28 27	34 34 33 32 31	39 38 37 36 33
98 97 96 95 34	4 4 4 3	8 7 7 7	11 11 11 11 11	15 15 14 14 14	19 19 18 18 17	23 22 22 21 21 20	27 26 25 25 24	30 30 29 28 27	34 33 32 32 31
33 32 31 30 29	3 3 3	7 6 6 6	10 10 9 9	13 13 12 12 12	17 16 16 15	20 19 19 18 17	23 22 21 20	26 26 25 24 23	30 20 28 27 26
28 27 26 23 24	3 3 3 3 2 2	6 5 5	8 8 8 7	11 11 10 10	14 14 13 13	17 16 16 15 14	20 19 18 18 17	22 22 21 20 19	51 54 55 55 51 51 51 52 52 51
23 22 21 20 19	63 63 64 63 64 63 64	5 4 4 4	7 7 6 6 6	9 9 8 8 8	12 11 11 10 10	14 13 13 12	16 15 15 14 13	18 18 17 16 15	21 20 19 18 17
18 17 16 15	21 21 21	4 3 3 3	5 5 5 5	7 7 6 6	9 9 8 8	11 10 10 9	13 12 11 11	14 14 13 12	16 15 14 14

No.		0	1	2	3	4	5	6	7	8	9	1
0.0055	0.35	40.1	389	374	358	313	323	313	393	233	263	1!
6		253	238	223	208	294	279	161	1.13	1:4-4	119	
7	1	1.05	090	075	06 f	016	031	017	0.01	1987	+973	i:
8	0.34	958	944	939	915	$\frac{900}{757}$	388 213	- 874 - 798	307	5 13	823	1
9		814	800	785	771	4 :14	d Baj	1.50	711	700	нан	1
0.0060		671	657	643	629	615	601	587	573	1639	34%	11
1	}	531	517	503 365	$\frac{489}{351}$	475 337	461 334	310	131 296	120	\$ (11)	1
2 3	}	392 255	378 242	228	215	100	187	171	160	283 147	269	11
4		120	107	093	080	067	053	0.10	026	013	(1.11)	1:
5	0.33	997	973	960	947	934	920	9007	894	831	863	1.
6	0.00	855	842	829	815	802	789	776	763	7.10	737	1:
7	ł	724	712	699	តនត	673	45151)	617	633.3	6511	171919	1:
8	1	596	583	570	557	545	532	5339	507	275 2	141	1 13
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2		095	083	071	059	047	03.4	0.314	11 ( 1)	2.9094.4	114 64	123
3 4	0.32	854	$\frac{962}{842}$	$\frac{950}{830}$	933 818	9256 806	911 791	186817 21517	ं हेर्न इ	is for Forst	96066 7 1 64	1:
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7		500	489	177	466	15.1	11.	431	1011 0 1004 1	10 -	34.0 2007	1 1 2
8		386	374	362	354	3334	325.4	336	Jana Pa	1111	4	13
9		271	260	248	237	휴식님	211	20.1	1.4.1	1	169	ii
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4		683	673	663	ti).H	44.525	<b>P</b> 3.573	<b>6</b> (4.1	• 11	GH	1 9 5	3.54
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6		428		297 661	933 599		$\frac{104}{476}$	039	7976 354	191:	(849)	63
7	0.34	$\frac{786}{173}$		053	1994		1876 1876		1,1,1,1	- 393 - 700	1640	60
8 9	0.23	584	597	469	413		299	212	1897	130		55 50
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5		468	421	371	327	281	934	1.55	142	000	0.19	4.5
6	1	004	4958	*912	4867	4822	F776	11.75	111-34	4645	3.047	1
7	0.19		508	463	419	373	331	4.47	913	191111	1.66	43
8 9	0.18	113 684	$\frac{069}{642}$	$\begin{array}{c} 026 \\ 600 \end{array}$	4983	+9 10 516	1.1	1.42	7318	77440 3449	1727 203	4:1
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3		070	031	+993	*#54	*916	4874	* (40)	4.404	1 111	47204	38
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5		314	277	240	202	167	1350	19-1,1	11.4	*****	1951	316
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7		317	236	256	226	196	166	134	1 veri	11, 1	0.10	29
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1 2	0.10		858	800	773	741	716	का प्रश्ने का की भी भी	* 1 [ ]	*913	#44.i	23
3		576	548	520	493	16.1	4.1.7	\$99	3 1	16.4.3	3096	23
4		298	271	243	216	144	1:11	3314	1894	$p_{s}/g$	032	97
5		025	<b>*997</b>	*970	*943	*9141	* 4 414	*463	<b>4</b> :411.	* 4.14	* 7 4 1	27

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6	0.09	754	727	700	673	647	620	593	566	540	513	27
7		486	460	433	407	380	354	327	301	275	248	26
8	0.08	$\frac{222}{960}$	$\begin{array}{c} 196 \\ 934 \end{array}$	169 908	143 883	11 <b>7</b> 85 <b>7</b>	091 831	065 805	039 779	012 753	*986 728	26 26
0.060		702	676	650	625	599	573	548	522	497	471	25
$\frac{1}{2}$		$\frac{446}{193}$	$\frac{420}{167}$	$\frac{395}{142}$	370 117	$\frac{344}{092}$	319 067	$\frac{294}{042}$	$\frac{268}{017}$	$243 \\ *992$	$^{218}_{*967}$	25 25
3	0.07		917	892	867	842	818	793	768	743	719	25
4		694	669	645	620	595	571	546	522	497	473	25
5 6		448 205	424 181	399 157	$\frac{375}{132}$	351 108	326 084	302 060	278 036	$\frac{253}{012}$	229 *988	24
7	0.06		940	916	892	868	844	821	797	773	749	24
7 8		725	702	678	654	630	607	583	560	536	512	23
9		489	465	442	418	395	371	348	325	301	278	23
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1 2	0.05	022 792	*999 769	*976 746	*953 723	*930 700	*907 678	*884 655	*861 632	*838 609	*815 586	23 22
2 3	Q.00	564	541	518	496	473	450	428	405	382	360	23
4		337	315	292	270	247	225	202	180	158	135	22
5 6	221	113	091	068	046	024	001	*979	*957	*935	*912	22
6 7	0.04	669	868 647	846 <b>625</b>	824 603	802 582	780 560	758 538	735 516	713 494	691 <b>472</b>	22 22
7 8 9		450	428	407	385	363	341	320	298	276	255	22
9		233	211	190	168	146	125	103	082	060	039	22
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1 2	0.03	803 590	782 569	760 548	739 527	718 506	697 485	$\begin{array}{c} 675 \\ 464 \end{array}$	654 $443$	$\begin{array}{c} 633 \\ 422 \end{array}$	612 <b>400</b>	22
3		379	358	337	316	295	275	254	233	212	191	21 21
4		170	149	128	107	087	066	045	024	003	*983	21
5	0.02		941	921	900	879	859	838	817	797	776	21
6 7		755 550	735 530	714 509	694 489	$\begin{array}{c} 673 \\ 469 \end{array}$	653 448	$\frac{632}{428}$	612 408	591 387	571 367	21 20
8		347	326	306	286	265	245	225	205	185	164	20
9		144	124	104	084	064	043	023	003	*983	*963	20
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1		743 545	723 525	704 505	684 486	664 466	644 446	$\frac{624}{426}$	$\begin{array}{c} 604 \\ 407 \end{array}$	584 387	565 367	20
2 3		348	328	308	289	269	249	230	210	191	171	19 19
4		152	132	113	093	074	054	035	015	*996		19
. 5	0.00		937	918	899	879	860	841	821	802	783	20
6 7		763 571	744 552	725 532	705 513	686 494	667 475	648 456	628	609	59 <b>0</b>	19
8		379	360	341	322	303	284	265	$\frac{437}{246}$	418 227	398 208	19
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4		3139	2982	2825	2003	2542	25.4	22214	7014	1804	1711
5		1588	1436	1931	1132	1121.51	00 876 E 870 F F	6944 1. [	30.00 ( 5188-03	4,,50	0203
6 7	1.4	8624	$\pm 9937$ $-8480$	*9789 8886	8193	Stillet	, 1111			3 514 1 (3) 4 (4 5 t)	*8768 - 1344
8	1.3	7200	7059	6919	67.34	666324	6.400	11,111	ing.	14115.1	10116
9		5808	5671	5584	5397	Str. F	11:11	\$18.65	1500	1,11	1.13
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3		0501	0379	0211	0116	1111	44	235,113	engine,	#361, V	
4	1.7	9224	9098	8971	8345	4713	1.7(1)	11.	-11	Y #1 **	80.0
5		7964	7839	7711	7589	7.1:11	71.14	211	4.61(44)	1,500.74	6349
6 7		6718 5483	6594 5364	6470 5238	5115	4415714 416144	1521	1, 1	131 (2)	1,001	*****
8	1	4260	4138	1017	339.5	N 3	34.00	10.1	5.4548	315.4	134g 3467
9		3016	2025	2304	2633	#3 . (fa.)	2111	11,271	*** ** }	"(1)	1966
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1 2	1.0	9117	9328	9209	9090	94974 8974	6119 E E	#in art ⊈ . Na in a	8 A	* (*)	*11 000
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8		2:317	9429	2111	\$ 181875	147	1, 17	1	1		12.1
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183 182 181 180 179	18 18 18	36 36 36	55 55 54 54 54	73 72 72	91 91 90	110 109 109 108 107	127 127 126	146 145 144	164 163 162	148 147 146 145 144	15 15 15	30 29 29 29 29	44 44 14	58 58	74 73 73	88 88 87	103	117 116	132 131 131
178 177 176 175 174		35	53 53 53	70	89 88 88	107 106 106 105 104	124 123 123	142 141	159 158 158	143 142 141 140 139	14 14 14 14 14	29 28 28 28 28	43 42 42 42	57 56 56	72 71 71 70 70	84	99 99 98	114 114 113 112 111	128 127 126
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1	1	6602	6476				4691	4563	4431	1305		127
2		5332 4047	$\frac{5204}{3918}$				3400		3141	3010		129
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4		4100	4013	2 (111	2000	20.011	-				,	132
5		1437	1305	1172	1040		0774	0641	0.408	0375	0241	133
6			*9974	*9840	¥9706	*#9571	49437	19302	*9167	40032	18897	136
ř	1.3	8761	8626	8490		8218	18081	7935	7808	7671	7534	138
8		7396	7259	7121	6983	6845	6707	6568	6429	6220	6151	139
9		6012	5872	5732	5592	5452	5311	5171	5030	1889	4747	141
0.60		4606	4.16.1	4322	4180	4037	3894	3731	3608	346.	3321	141
1		3177	3033	2889	2744	26.99	2454	2231121	2163	2017	1871	147
2		1724	1578	1431	1284	1136	0939	0841	0692	13.3 1	0395	149
3		0246	0097	*9947	+9797	<b>非针行计</b>	* (1 4 11 16	*911 bi	19195	*9043	*8899 <u>9</u>	152
4	1.2	8740	8588	8435	អន្តអង	RI 29	7976	THUU	THUS	7514	7369	155
5		7204	7049	6893	6738	6581	8425	6268	6111	14111111	5795	158
6		5637	5479	5320	5161	5001	4841	1681	4.530	\$13,543	4198	162
7	}	4036	3874	3712	3549	3386	3322	3058	2894	2730	2565	166
8		2399	2233	2067	1901	1734	1.066	1398	1230	1062	0893	170
ő		0723	0553	0383	0213	0041	*9870	49693	*#5596	*9353	+9179	173
0.70	1.1	9006	8832	8657	8482	8306	8130	79.4	1777	7.499	7122	179
1		7243	7064	6885	6705	6525	6311	6163	1441	6799	5616	183
2		5433	5249	5064	4879	4694	20118	4,322.1	1131	3946	34.04	188
3		3570	3330	3190	3000	2809	2617	21 12	2200	2039	TM 4D	193
4		1650	1455	1259	1063	OSGG	Office	0470	0:274	0071	17KH2+	201
5	1.0	9670	9468	9266	9063	8859	8656	8450	N244	8038	7831	204
ő		7623	7414	7205	6995	6784	6572	ellieics	6147	26912131	5719	216
7		5503	5287	5070	1852	11774.1	1411	11:41	39.3	37.41	3524	224
8		3304	3080	23854	いいい	2401	2173	1944	1711	1443	1201	233
9		1018	0785	0550	0314	0078	41144114	#fillit!	*9363	*9137	HERE	313
0.80	말.()	8637	8393	8148	7902	7655	7407	7154	6907	titi.ıti	6403	951
1		61-49	5894	5638	5381	5132	1800	4601	1339	4075	3810	266
2		3544	3276	3007	2737	特殊指行	2193	1914	1643	1300	1087	280
3		0807	0525	0212		+9671	FREEP		*HH441	*4.11	*8217	296
4	2.8	7921	7624	7325	7024	6733	6417	6111	5304	5494	5483	313
5		4869	4558	1236	3917	3596	3373	2917	នគង្គម	8090	1939	334
6		1625	1289	0951	0611	0264					* 4.119	357
7	2.7	8162	7802	7440	7075	6707	6337	444.3	9.148	1200	4327	384
8		4443	4055	3665	3371	2873	2171	3971	1 111 3	12/11	HEI	117
9		0424	0003	<b>*9579</b>	*9151	*471H	841144	*745.	*; \$111	<b>916計汽售</b> 。	*65.02	156
0.90	2.6	6046	5586	5122	4652	1179	3740	3317	27.19	2234	1734	503

Subtract Proportional Parts.

n				4	-				
D.	1	2	3	4	5	6	7	8	9
120	12	24	36	48	60	72	84	96	108
130	1.3	26	39	52	65	78	91	104	117
140	1.4	28	42	56	70	84	98	112	126
150	1.5	30	45	60	75	90	105	120	135
1.60	1.6	32	48	64	80	96	112	128	1.4.4
170	17	34	51	68	85	102	119	136	153
180	1.8	36	54	72	90	108	126	144	162
190	19	38	57	76	95	114	133	152	171
200	20	-10	60	80	100	120	140	160	180
210	21	42	63	84	105	126	147	168	189
220	22	4.1	66	88	1.10	132	154	176	198
230	23	46	69	92	115	138	161	184	207
240	24	48	72	96	120	144	1.68	192	216
250	25	50	75 78	100	125	$\frac{150}{156}$	$\frac{175}{182}$	$\frac{200}{208}$	225 234
260	26	52	10	10.1	130	1 :145	เละ	200	200
270	27	54	81	108	135	162	189	216	243
280	28	56	84	112	140	168	196	224	252
290	29	58	87	116	1.45	174	203	232	261
300	30	60	90	120	150	180	210	240	270
310	31	62	93	124	155	186	217	248	279
320	32	64	96	128	160	192	224	256	288
330	33	66	99	132	165	198	231	264	297
340	3.4	68	102	136	170	204	238	272	306
350	35	70	105	1.40	175	210	245	280	315
360	346	72	108	1.4.4	180	216	252	288	324
370	37	7.4	111	148	185	222	259	296	333
380	38	76	114	152	190	228	266	304	342
390	39	78	117	156	195	234	273	312	351
400	40	80	120	160	200	240	280	320	360
410	41	82	123	164	205	246	287	328	369
420	42	84	126	168	210	252	294	336	378
430	43	86	129	172	215	258	301	344	387
410	4.4	88	132	176	220	264	308	352	396
450	4.5	90	135	180	225	270	315	360	105
460	46	95	138	184	230	276	322	368	414
470	47	94	1.41	188	235	282	329	376	423
480	43	96	144	192	240	288	336	384	432
490	49	98	147	196	245	294	343	392	441
500	50	100	150	200	250	300	350	400	450
	1								

0 200	<del>-0 /13</del>				020	<del> </del>	,				
No.	0	1	2	3	4	5	6	7	8	9	D.
0.900	2-6 6046 5586	6000 5540	5955 5493	5909 544 <b>7</b>	5863 5401	5817 5354	5308	5725 5261 4794	5678 5215 4747	5682 5168	46 46
2 3 4	5122 4652 4179	5075 4605 4131	5028 4558 4083	4981 4511 4036	4934 4463 3988	4887 4416 3940	4841 4369 3892	4321 3844	4274 3796	4699 4226 3748	47 47 48
5 6 7	3700 3217 2729	3652 3169 2680	3604 3120 2631	3556 3071 2582	3508 3023 2532	3459 2974 2483	3111 2925 2434	3363 2876 2385	3314 2827 2335	3266 2778 2286	49 49 50
8 9	2236 1738	2186 1688	2137 1638	2087 1587	2037 1537	1988	1938 1436	1888	1838	1788	50 50
0·910 1 2 3	1235 0726 0212 25 9692	1184 0675 0160 9640	1133 0623 0108 9587	1082 0572 0056 9535	1032 0521 0004 9482	0981 0469 *9952 9430	0930 0418 +9900 9377	$0879 \\ 0366 \\ 49848 \\ 9325$	0828 0315 49796 9272	0777 0263 19744 9219	51 51 52 53
4 5	9166 8635	9113 8582	9061 8528	9008	8955 ·		8848	8795 8260	8712 8206	8688 8152	53 54
6 7 8 9	8098 7554 7004 6448	8044 7500 6949 6392	7989 7445 6894 6886	7935 7390 6838 6280	7881 7335 6783 6221	7827 7280 6727 6168	7772 7225	7718 7170 6616 6655	7663 7115 6560 5999	7609 7060 6504 5942	55 56 57
0·920 1 2	5885 5316 4739	5828 5259 4681	5772 5201 4623	5715 5144 4565	5658 5087 450 <b>7</b>	5601 5029 4449	5544 4971 4390	5487 4913 4332	5430 4855 4273	5373 4797 4214	57 58 58
3 4	4156 3565	4097 3505	1038 3446	3979 3386	3920 3326	3861 3267	3802 3107	3743 3147	3684 3087	3624 3027	59 61
5 6 7 8	2966 2360 1746 1124	2906 2299 1684 1062	2846 2238 1622 0999	2785 2177 1560 0936	2725 2116 1498 0873	2664 2054 1436 0810	2604 1993 1374 0747	2543 1931 1312 0684	2482 1870 1249 0620	2421 1808 1187 0557	61 62 63 63
9 0·930	0494 24 9855	9790	9726	9661	9596	9532		9402	*9983 9337	+9919	64
1 2 8 4	9207 8550 7883 7207	9141 8483 7816 7139	9076 8417 7749 7071	9010 8351 7681 7002	8945 8284 7614 6934	8879 8218 7546 6865		8748 8084 7411 6728	8682 8017 7318 6659	8616 7950 7275 6590	66 67 68 69
5 6 7	6521 5825 5118	6452 5755 5047	6383 5684 4975	6313 5614 4904	6241 5543 4832	6174 5473 4760	6105 5402 4689	6035 5331 4617	5965 5260 4544	5895 5189 4479	70 71 72
8 9	4400 3671	4328 3597	4255 3524	4183 3450	4110 3376	4037 3302	3964 3228	3891 3154	3818 3079	3744	73 75
0.940 1 2 3	2930 2177 1412 0634 2-3 9843	2856 2101 1335 0556 9763	2781 2025 1258 0477 9683	2706 1949 1180 0398	2631 1873 1103 0319	2555 1796 1025 0240	2480 1720 0947 0161	2405 1643 0869 0081	2329 1566 <b>07</b> 91 0002	2253 1489 0713 *9922	76 77 79 79
5	9037	8956	8875	9603 8793	9522 8711	9442 8629	9361 85 <b>47</b>	9280 8465	8383	8300	81 82

D.	1	2	3	4	5	6	7	8	9
45	5	9	14	18	23	27	32	36	41
46	5	9	14	18	23	28	32	37	41
47	E)	9	14	19	24	28	33	38	43
48	Ţ,	10	14	19	24	29	34	38	43
49	5	10	15	20	25	29	34	39	44
60	5	10	15	20	25	30	35	40	45
51	5	10	15	20	26	31	36	41	46
52	5	10	16	21	26	31	36	42	17
5.43	5	11	16	21	27	32	37	42	48
54	ţ,	11.	16	22	27	32	38	43	.19
141	6	17	17	22	28	33	39	44	50
56	43	11	17	22	28	34	39	45	50
5.7	4 >	11	17	23	29	34	40	46	51
58	()	12	17	23	29	35	41	46	52
5.9	(;	12	18	24	30	35	41	47	53
60	6	12	18	24	30	36	42	48	54
63	6	12	18	24	31	37	43	49	55
62	¢i	12	19	25	31	33	43	50	56
63	6	13	19	25	32	38	4.4	50	57
4:4	(;	.13	19	26	32	38	45	51	58
65	7	13	20	26	33	39	16	52	59
66	7	1:3	20	26	33	40	44;	53	59
67	7	13	20	27	34	40	17	5.4	(i()
68	7	14	20	27	34	41	48	54	61
69	7	1.1	21	28	35	41	48	55	62
70	7	1.1	21	28	35	42	49	56	63
71	7	14	21	28	36	43	50	57	64
72	7	14	22	29	36	43	50	58	65
73	7	15	22	29	37	44	51	58	66
74	7	16	~ ~	30	37	44	52	59	67
75	8	15	23	30	38	45	53	60	68
76	8	1.5	23	30		4()	53	61	68
77	-8	15	23	31	39	46	54	62	69
78	8	16	23	31	39	17	55	62	70
79	8	16	24	32	40	.17	55	63	71
80	8	16	24	32	40	48	56	64	72
81	8	16	24	32	41	49	57	65	73
82	8	16	25	33	41	49	57	66	74
-83	- 8	17	25	33	42	50	58	66	75

#### 0.742 - 0.740

#### LULUGS.

No.		0	1	2	3	4	5	6	7	8	9	D.
0.945	2.3	9037	8956	8875	8793	8711	8629	8547	8 165	8383	8300	82
6		8218	8135	8052	7969	7886	7802	7719	7635	7551	7.467	84
7		7383	7299	7214	7130	7045	6960	6875	6790	6704	6619	86
8		6533	6447	6361	6275	6189	6102	6016	5929	5843	5755	88
9		5667	5580	5492	5404	5316	5228	5140	5051	4962	4873	89
0.950		4781	4695	4606	4516	.4127	4337	4217	1156	1066	3975	91
1		3884	3793	3702	3611	3519	3428	3336	3211	3151	30.59	93
2		2966	2873	2780	2687	2594	2500	2106	2312	2218	2124	95
3		2029	1935	1840	1745	1649	1554	1458	1362	1266	1169	96
4		1073	0976	0879	0783	0634	0587	0489	0391	0293	0194	98
5			*9997		*9798		99293			+9299		101
6	2.2	9097	8996	8895	8793	8693	8390	8487	8385	8282	8179	103
7		8076	7973	7869	7765	7661	7557	7452	7348	7243	7137	105
8		7032	6926	6820	6714	6607	6500	6393	6286	6179	6071	108
9		5963	5854	5746	5637	5528	5119	5309	5139	5089	1979	111
0.960		4868	4757	4646	4534	4422	1310	4198	4085	3973	3859	113
1 /	•	3746	3632	3518	3404	3289	3171	30.49	2914	2828	2712	117
2 )		2595	2479	2362	2244	2127	2009	1894	1770	1653	1534	119
3		1415	1295	1175	1054	0934	0813	0691	0.469	0.147	032.	123
4		0202	0079	*995G	*9832	*9708	*958 I	*9459	*93334	19209	*908D	126
5	2.1	8957	8830	8703	8576	8418	8330	8192	8064	7934	7805	130
õ		7675	7545	7415	7281	7152	7021	6889	6756	6623	6490	131
7		6356	6222	6088	5953	5818	5682	5546	5410	6273	5135	137
8		<b>4998</b>	4860	4721	4582	4443	1303	4162	4033	0880	3733	142
9		3597	3454	3311	3168	3024	2879	2734	2589	2113	2297	147
0.970		2150	2003	1855	1707	1558	1409	1260	1109	09.59	0807	151
1		0656	0503	0351	0197	0044				+9.123		155
2	2.0	9109	8952	8794	8635	8476	8316	8155	71111 1	7833	7671	163
8		7508	7344	7180	7016	6851	6635	6518	6354	6484	601.7	168
4		5847	5677	5507	5336	5164	4992	4819	4646	4472	4297	176
5		4121	3945	3768	3590	3412	3233	3053	2872	2691	2509	183
ő		2326	2142	1958	1773	1587	1401	1213	1025	0836	0616	190
7		0456	0264	0072	19879	F9685	*9490	+92294	*9098	48900	FH702	199
8	3.9	8503	8303	8102	7900	7697	7 193	7289	7083	BRTH	1515151	209
9		6460	6251	60 10	5829	5616	6403	5183	1973	17.11	1538	219
0.980		4319	4099	3878	3656	3433	3209	2983	43.7	25.00	23300	230
i		2070	1838	1606	1372	1137	0900	0663	0124		19911	213
2	3.8	9699	9455	9210	8963	8715	8465	8211	7961	7707	71.33	257
3		7195	6937	6677	-6415	6152	5883	5624	50.74	5084	4813	273
4		4540	4266	3990	3712	3432	06.13	2467	2082	9993	2006	231
5		1715	1423	1128	0831	0533	6239	<b>*9999</b>	*9894	49317	i90n3	311
6	3.7	8697	8384	8068	7750	7429	7107	6782	61.1	6124	4792	335
7		5457	5119	4779	4436	1091	3742	3391	3037	2681	2321	263
8	No.	1958	1593	1224	0852	0477				*8945		395
9	3.6	8158	7759	7356	6950	6540	6126	5709	2341	1861	1131	134
0.990		3997	3558	3115	2667	2215	1758	1296	0.839	0354		
							- • • • • •					

2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
6 6 7 7 7	24 25 25 25 26	$\frac{33}{34}$	41 42 42	49 49 50 50	57 58 59	66 66 67	73 71 75 76	120 130 140 150 160		$^{28}_{30}$	36 39 42 45 48	48' 52 56 60 64	60 65 70 75 80	72 78 84 90 96	$\frac{98}{105}$	96 104 112 120 128	108 117 126 135 144
77888	26 26 26 27 27	34 35 35 36 36	44 44 45	52 52 53 53 54	61 62 62	70 70 71		170 180 190 200 210	18	$\frac{38}{40}$	51 54 57 60 63	68 72 76 80 84	90 95	102 108 114 120 126	119 126 133 140 147	136 144 152 160 168	153 162 171 180 189
88999	27 28 28 28 29	36 37 37 38 38	$\frac{46}{47}$	55 56 56 57	$\frac{64}{65}$	73 74 74 75 76	83 84 85	220 230 240 250 260	24 25	44 46 48 50 52	66 69 72 75 78	92 96 100	$\frac{120}{125}$	$\frac{138}{144}$	154 161 168 175 182	176 184 192 200 208	198 207 216 225 234
99000	29 29 29 30 30	39 39 40	$\frac{49}{49}$	58 59 59 60	68 69		89	270 280 290 300 310	28	54 56 58 60 62	81 84 87 90 93	$\begin{array}{c} 116 \\ 120 \end{array}$	$\frac{140}{145}$ $\frac{150}{150}$	162 168 174 180 186	210	224 232	243 252 261 270 279
0 0 1 1	30 31 31 31 32	41 41	52	61 62 62 63	71 71 72 73 74	82		320 330 340 350 360	32 33 34 35 35 36	64 66 68 70 72	98 99 102 105 108	$132 \\ 136 \\ 140$	160 165 170 175 180	$\frac{198}{204}$	224 231 238 245 252	256 264 272 280 288	288 297 306 315 324
1 1 2 2 2 2	32 32 32 33 33	43 43 44	54 55	64	75 76 76	85 86 86 87 88	96 97 93	370 380 390 400 410	37 38 39 40 41	74 76 78 80 82	111 114 117 120 123	152 156 160 164	185 190 195 200 205	228 234 240 246	259 266 273 280 287	296 304 312 320 328	333 342 351 360 369
	<del>,</del>		<b></b>	<del>li in</del> neumo				420 430	42			168 172				344	

### 0.9900 - 1.000000 LOLOGS.

No.	Lolog.	No.	Lolog.	No.	Lolog.
0·9900	\$-6 3997	0·9945	3-3 7934	0-99900	4 6 3800
1	3558	6	7135	1	3363
2	3115	7	6321	2	2922
3	2667	8	5492	3	2477
4	2215	9	4646	4	2026
5	1758	0·9950	2784	5	1571
6	1296	1	2905	6	+ i '2
7	0829	2	2007	7	0647
8	0358	3	1090	8	0177
9	3-5 9881	4	0154	9	+ 5 9702
0·9910	9399	5	3-2 9198	0.00010	9222
1	8911	6	8219	1	8737
2	8418	7	7219	2	8746
3	7920	8	6195	3	7749
4	7416	9	5146	4	7247
5	6906	0·9960	4071	5	6789
6	6389	1	2970	6	6225
7	5867	2	1839	7	05 04
8	5338	3	0679	8	5478
9	4803	4	3-1 9487	9	4045
0·9920	4262	5	8261	0·99920	4705
1	3713	6	7000	1	3358
2	3158	7	5702	2	3005
3	2595	8	4363	3	2444
4	2025	9	2982	4	5876
5	1448	0.9970	1746	5	1004
6	0863	1	0081	6	0748
7	0270	2	3 0 8445	7	0427
8	3:4 9669	3	6974	8	43 5527
9	-907-9	4	5332	9	5920
0·9930	8441	5	3627	0·99980	8363
1	7814	6	1852	1	7678
2	7177	7	0001	2	7614
3	6502	8	4-9 8069	3	6400
4	5877	9	0046	4	5747
5	5211	0·9080	3025	5	5054
0	4536	1	1695	6	4110
7	3850	2	4 8 9345	7	3726
8	3153	3	6860	8	3031
9	2444	4	4225	9	2325
0·9940	1724	5	1420	0·99940	1607
1.	0992	6	47 8422	1	0876
2	0247	7	5201	2	0134
8	3-3 9490	8	1723	3	43 9378
4	8718	9	4-6 7942	4	8699
5	7934	0.9990	3800	5	7827

No.	Lolog.	No.	Lolog.	No.	Lolog.
0·99945	4·3 7327	0·999900	5-6 3781	0·999950	5-3 3677
6	7030	1	3344	1	2799
7	6218	2	2903	2	1904
8	5390	3	2458	3	0989
9	4547	4	2008	4	0055
0·99950	3686	5	1553	5	5-2 9101
1	2809	6	1093	6	8125
2	1913	7	0629	7	7126
3	0998	8	0159	8	6104
4	0064	9	5-5 9685	9	5058
5	4·2 9109	0·999910	9205	0·999960	3985
6	8133	1	8719	1	2886
7	7135	2	8229	2	1758
8	6112	3	7733	3	0599
9	5066	4	7230	4	51 9410
0·99960	5993	5	6792	5	8186
1	2893	6	6208	6	6927
2	1765	7	5688	7	5630
3	0607	8	5162	8	4294
4	44 9417	9	4629	9	2915
5	8193	0·999920	4089	0·999970	7491
6	6934	1	3543	1	0019
7	5637	2	2990	2	50 8495
8	4300	3	2429	3	6915
9	2921	4	1861	4	5276
0·99970	1497	5	1236	5	3573
1	0025	6	0703	6	1800
2	3500	7	0112	7	6-9 9952
3	6921	8	64 9513	8	8021
4	5281	9	890d	9	6001
5	3578	0·999930	8290	0·999980	3832
6	1805	1.	7665	1	1654
7	5-9 9956	2	7031	2	688 9306
8	8025	3	6387	3	6824
9	6005	4	6734	4	4191
0.99980	3886	5	5071	5	1388
1	1658	6	4398	6	67 8392
2	5-8 9310	7	3714	7	5173
3	6827	8	3019	8	1697
4	4193	9	2313	9	66 7918
5	1391	0·999940	1595	0·999990	3779
6	5-7 8394	1	0865	1	6-5 9203
7	5176	2	0123	2	4088
8	1699	3	5 8 9367	3	6-4 8289
9	5-6 7920	4	8599	4	1594
0.99990	3731	5 6 7 8 9	7316 7019 6207 5380 4537	5 6 7 8 9	6-8-3675 6-2-3984 6-1-1490 7-9-3881 7-6-3778
		0.999050	3677	1.000000	- 90

			The state of the s		···		
No.	Lolog.	No.	Lolog.	No.	Lolog.	No.	Lolog.
1·000000 1 2 3 4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1·000050 1 2 3 4	5·3 3674 4534 5378 6205 7017	1.00010 1 2 3 4	5.6 3776 7915 5.7 1694 5170 8388	1.00055 6 7 8 9	8585 9354 4.4 0109
5 6 7 8 9	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 6 7 8 9	7814 8596 9365 5.4 0120 0862	5 6 7 8 9	5.8 1384 4187 6820 9302 5.9 1650	1.00060 1 2 3 4	
1.000010 1 2 3 4	7917 6·7 1696 5173 8391	1·000060 1 2 3 4	1592 2310 3016 3711 4395	1·00020 1 2 3 4	3877 5996 8016 9946 4-0 1794	5 6 7 8 9	5056 5719 6371 7015 7648
5 6 7 8 9	G⋅8     1387       4190     6823       9305     6⋅9       6⋅9     1658	5 6 7 8 9	5068 5731 6385 7028 7662	5 6 7 8 9	3567 5270 6909 8488 4-1 0012	1·00070 1 2 3 4	8278 8889 9496 4-5 0095 0686
1.000020 1 2 3 4	3881 6000 8020 9951 50 1799	1·000070 1 2 3 4	8287 8903 9510 5.5 0109 0700	1.00030 1 2 3 4	1484 2908 4286 5623 6919	5 6 7 8 9	1268 1843 2411 2971 3524
5 6 7 8 9	3572 5275 6914 8494 5·1 0018	5 6 7 8 9	1288 1858 2426 2986 3539	5 6 7 8 9	8178 9401 4-2 0501 1749 2876	1·00080 1 2 3 4	4070 4609 5142 5668 6188
1·000080 1 2 3 4	1490 2914 4293 5629 6926	1.000080 1 2 3 4	4086 4625 5158 5685 6205	1·00040 1 2 3 4	3976 5048 6094 7116 8114	5 6 7 8 9	6702 7210 7711 8208 8698
5 <b>6</b> 7 8 9	8185 9408 5·2 0598 1756 2884	5 6 7 8 9	6719 7227 7728 8225 8716	5 6 7 8 9	9090 4·3 0044 0978 1892 2787	1.00090 1 2 8 4	9183 9663 4-6 0137 0607 1071
1.000040 1 2 8 4	3984 5056 6102 7124 8123	1·000090 1 2 3 4	9201 9681 5-6 0155 0625 1089	1.00050 1 2 3 4	3665 4524 5367 6195 <b>70</b> 06	5 6 7 8 9	1530 1985 2435 2880 8820
5 6 7 8 9	9099 5·8 0053 0987 1902 2797	5 6 7 8 9	1549 2004 2454 2899 3340	5	7803	1.00100	3757
1.000050	3674	1.000100	8776				1
100	<u> </u>			· ·			

No.	Lolog.	No.	Lolog.	No.	Lolog.	No.	Lolog.
1·0010	4·6 3757	1·0055	3·3 7696	1·010	3.6 3562	1·055	2·3 6647
1	7894	6	8476	1	7680	6	7409
2	4·7 1671	7	9242	2	3.7 1437	7	8157
3	5145	8	9996	3	4892	8	8891
4	8361	9	3·4 0736	4	8089	9	9613
5	T·8 1355	1·0060	1464	5	3·8 1064	1·060	2·4 0322
6	4156	1	2179	6	3845	1	1019
7	6786	2	2883	7	6457	2	1705
8	9267	3	3576	8	8918	3	2379
9	T·9 1613	4	4258	9	3·9 1244	4	3042
1·0020	3838	5	4929	1·020	$   \begin{array}{r}     3451 \\     5548 \\     7547 \\     9456 \\     \hline{2} \cdot 0 \ 1284   \end{array} $	5	3695
1	5955	6	5590	1		6	4338
2	7973	7	6241	2		7	4970
3	9901	8	6882	3		8	5593
4	3.0 1747	9	7514	4		9	6206
5	3518	1·0070	8137	5	· 3035	1.070	6811
6	5219	1	8751	6	4717	1	7406
7	6856	2	9356	7	6335	2	7993
8	8434	3	9958	8	7893	3	8572
9	9955	4	3.5 0541	9	9396	4	9142
1·0030	3·1 1425	5	1122	1·030	2.1 0847	5	9705
1	2847	6	1695	1	2250	6	2·5 0259
2	4224	7	2261	2	3608	7	0807
3	5558	8	2819	3	4923	8	1347
4	6853	9	3370	4	6198	9	1880
5	8109	1·0080	3914	5	7436	1·080	2406
6	9331	1	4452	6	8638	1	2925
7	3·2 0518	2	4982	7	9807	2	3437
8	1674	3	5507	8	2·2 0944	3	3943
9	2800	4	6025	9	2051	4	4443
1.0040	3898	5	6536	1·040	3130	5	4937
1	4968	6	7042	1	4181	6	5424
2	6012	7	7542	2	5207	7	5906
3	7032	8	8036	3	6208	8	6382
4	8028	9	8525	4	7185	9	6853
5	9002	1·0090	9008	5	8140	1·090	7318
6	9955	1	9486	6	9074	1	7778
7	3-3 0886	2	9058	7	9987	2	8232
8	1709	8	3-6 0426	8	2·3 0881	3	8681
9	2692	4	0888	9	1755	4	9126
1.0050	3567	5	1345	1·050	2612	5	9565
1	4425	6	1798	1	3451	6	2.6 0000
2	5266	7	2246	2	4273	7	0430
8	6091	8	2689	8	5080	8	0855
4	6901	9	3128	4	5871	9	1276
б	7696	1.0100	8562	5	6647	1.100	1692

No.		0	1	2	3	4	5	6	7	8	9	D.
1·10 1 2 3 4		1692 5632 9212 2492 5515	2104 6005 9558 2805 5805	2512 6375 9891 3116 6092	2916 6741 *0226 3424 6377	7103 *0558	3711 7463 *0887 4033 6942	4103 7819 *1213 4334 7221	4491 8172 *1537 4633 7498	4875 8522 *1858 4929 7773	5255 8869 *2176 5223 8046	377 343 316 292 271
5	2∙8	8317	8587	8854	9119	9388	9645	9905	*0163	*0420	*0675	253
6		0928	1179	1429	1677	1928	2168	2412	2658	2894	3132	237
7		3369	3605	3839	4072	4303	4533	4762	4989	5215	5439	223
8		5662	5884	6104	6323	6541	6758	6973	7187	7400	7611	211
9		7822	8031	8239	8446	8652	8856	9060	9262	9463	9663	199
1·20	₹.9	9862	*0060	*0257	*0453	*0648	*0842	*1034	*1226	*1417	*1607	188
1		1795	1983	2170	2356	2541	2725	2908	3090	3271	8452	179
2		3681	3810	3987	4164	4340	4515	4690	4863	5036	5207	171
3		5378	5549	5718	5887	6054	6221	6388	6553	6718	6882	163
4		7045	7207	7369	7530	7690	7850	8009	8167	8324	8481	156
5	T·0	8637	8792	8947	9101	9254	9407	9559	9710	9861	*0011	150
6		0161	0309	0458	0605	0752	0899	1044	1189	1384	1478	143
7		1621	1764	1906	2048	2189	2329	2469	2609	2748	2886	138
8		3024	3161	3297	3438	3569	3704	3839	3973	4106	4239	132
9		4371	4503	4635	4766	4896	5026	5156	5285	5413	5541	128
1·30	<b>T</b> ·1	5669	5796	5923	6049	6175	6300	6424	6549	6673	6796	123
1		6919	7042	7164	7286	7407	7528	7648	7768	7887	8007	118
2		8125	8244	8362	8479	8596	8713	8829	8945	9060	9175	115
3		9290	9405	9518	9632	9745	9858	9970	*0082	*0194	*0305	111
4		0416	0527	0637	0747	0856	0965	1074	1183	1291	1398	108
5		1506	1618	1719	1826	1032	2037	2143	2248	2352	2457	104
6		2501	2064	2768	2871	2074	3076	3178	3280	3381	3488	100
7		3583	3684	3784	3884	3984	4083	4182	4281	4379	4477	98
8		4575	4078	4770	4867	4964	5060	5156	5252	5348	5448	95
9		5538	5638	5727	5821	5915	6009	6102	6196	6288	6381	95
1·40		6473	6565	6657	6749	6840	6931	7022	7112	7203	7293	89
1		7382	7472	7561	7650	7739	7828	7916	8004	8092	8179	88
2		8267	8354	8441	8527	8614	8700	8786	8871	8957	9042	85
3		9127	9212	9297	9381	9465	9549	9683	9716	9799	9882	83
4		9965	*0048	*0130	*0212	*0294	*0376	*0458	*0539	*0620	*0701	81
5	T·2	0782	0862	0948	1028	1103	1182	1262	1341	1420	1499	79
6		1578	1656	1785	1818	1891	1968	2046	2123	2200	2277	77
7		2354	2431	2507	2588	2659	2735	2811	2886	2962	3037	75
8		3112	3186	8261	8335	3410	8484	8558	3631	8705	3778	73
9		3851	3024	8997	4070	4142	4215	4287	4359	4431	4502	72
1.50		4574	4645	4716	4787	4858	4929	4999	5070	5140	5210	70
1		5280	5349	5419	5488	5558	5627	5696	5764	5833	5901	69
2		5970	6038	6106	6174	6242	6309	6877	6444	6511	6578	67
3		6645	6711	6778	6844	6910	6977	7048	7108	7174	7240	65
4		7805	7870	7435	7500	7565	7630	7694	7759	7823	7887	64
5		7951	8015	8079	8142	8206	8269	8332	8395	8458	8521	63

D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
410 400 390 380 370	41 40 39 38 37	80 78 76	123 120 117 114 111	152	200 195 190	$\begin{array}{c} 240 \\ 234 \end{array}$	273 266	328 320 312 304 296	369 360 351 342 383	96 95 94 93 92	10 10 9 9	19 19 19 19 19	29 29 28 28 28	38 38 38 37 37	48 47	58 57 56 56 55	67 67 66 65 64	77 76 75 74 74	
360 350 340 330 320	33	72 70 68 66 64	105 102 99	$\begin{array}{c} 136 \\ 132 \end{array}$	175 170 165	210	$\begin{array}{c} 238 \\ 231 \end{array}$	264	324 315 306 297 288	91 90 89 88 87	9 9 9 9	18 18 18 18	27 27 27 26 26		45 45 44	55 54 53 53 52	63 62 62	73 72 71 70 70	82 81 80 79 78
310 300 290 280 270	31 30 29 28 27	62 60 58 56 54	93 90 87 84 81	124 120 116 112 108	150 145 140	186 180 174 168 162	$210 \\ 203 \\ 196$	248 240 232 224 216	279 270 261 252 243	86 85 84 83 82	9 9 8 8	17 17 17 17 16	26 26 25 25 25	34 34 34 33 33	43 42 42	52 51 50 50 49	60 60 59 58 57	69 68 67 66 66	77 77 76 75 74
260 250 240 230 220	25 24 23	52 50 48 46 44	78 75 72 69 66	104 100 96 92 88	125 120 115	156 150 144 138 132	175 168 161	208 200 192 184 176	225 216	81 80 79 78 77	8 8 8 8	16 16 16 16 15		32 32 32 31 31	40 40 39	49 48 47 47 46	$\begin{array}{c} 56 \\ 55 \end{array}$	65 64 63 62 62	73 72 71 70 69
210 200 190 180 170	19 18	42 40 38 36 34	63 60 57 54 51	84 80 76 72 68	105 100 95 90 85	126 120 114 108 102	147 140 188 126 119		189 180 171 162 153	76 75 74 78 72	8 8 7 7	15 15 15 15 14	23 23 22 22 22	30 30 30 29 29	38 38 37 37 36	46 45 44 44 43	51	61 60 59 58 58	68 68 67 66 65
160 150 140 130 120	16 15 14 13 12		48 45 42 89	64 60 56 52 48	80 75 70 65 60	96 90 84 78 72	112 105 98 91 84	104		71 70 69 68 <b>6</b> 7	7 7 7 7	14 14 14 14 18	21 21 21 20 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60
110 100 99 98 97	10 10 10	20	33 30 30 29 29	44 40 40 89	55 50 50 49 49	66 60 59 59 58	77 70 69 69 68	88 80 79 78 78	99 90 89 88 87	66 65	7 7	13 13	20 20	26 26	33 33	40 89	46 46	58 52	59 59

No.	0	1	2	3	4	5	6	7	8	9	D.
1.55	T·2 7951	8015	8079	8142	8206	8269	8332	8395	8458	8521	63
6	8584	8646	8709	8771	8833	8895	8957	9019	9080	9142	61
7	9203	9265	9326	9387	9448	9508	9569	9630	9690	9750	60
8	9810	9870	9930	9990	*0050	*0109	*0169	*0228	*0287	*0346	59
9	T·3 0405	0464	0523	0582	0640	0698	0757	0815	0873	0931	58
1.60 1 2 3 4	0989 1560 2122 2672 3212	1046 1617 2177 2726 3266	1104 1674 2232 2781 3319	1161 1730 2288 2835 3872	1219 1786 2343 2889 3426	1276 1842 2398 2043 3479	1333 1898 2453 2997 3532	1390 1954 2508 3051 8585	1447 2010 2563 3105 3637	1504 2066 2617 3159 3690	56 56 55 53
5	3743	3795	3848	3900	3952	4004	4056	4108	4160	4212	52
6	4264	4315	4367	4418	4469	4521	4572	4623	4674	4724	51
7	4775	4826	4876	4927	4977	5028	5078	5128	5178	5228	50
8	5278	5328	5377	5427	5477	5526	5575	5625	5674	5723	49
9	5772	5821	5870	5918	5967	6016	6064	6113	6161	6 <b>2</b> 09	48
1.70	6257	6306	6354	6402	6449	6497	6545	6592	6640	6687	48
1	6735	6782	6829	6877	6924	6971	7018	7064	7111	7158	46
2	7204	7251	7297	7344	7390	7436	7482	7528	7574	7620	46
3	7666	7712	7758	7803	7849	7894	7940	7985	8030	8075	45
4	8120	8165	8210	8255	8300	8345	8389	8434	8479	8523	44
5	8567	8612	8656	8700	8744	8788	8832	8876	8920	8964	43
6	9007	9051	9095	9138	9181	9225	9268	9311	9354	9397	43
7	9440	9483	9526	9569	9612	9655	9697	9740	9782	9825	42
8	9867	9909	9951	9994	*0086	*0078	*0120	*0162	*0203	*0245	42
9	T-4 0287	0328	0870	0412	0453	0494	0536	0577	0618	0659	41
1·80	0700	0741	0782	0828	0864	0905	0946	0986	1027	1067	41
1	1108	1148	1189	1229	1269	1309	1349	1389	1429	1469	40
2	1509	1549	1589	1629	1668	1708	1747	1787	1826	1866	89
3	1905	1944	1983	2022	2061	2100	2139	2178	2217	2256	89
4	2295	2333	2372	2411	2449	2488	2526	2504	2608	2641	88
5	2679	2717	2755	2798	2831	2869	2907	2945	2988	3020	38
6	3058	3096	3133	3171	3208	8245	8283	8820	8857	3394	88
7	3432	3469	3506	3543	3580	8616	8653	8690	8727	3763	37
8	3800	3837	3878	3910	3946	3082	4019	4055	4091	4127	37
9	4164	4200	4236	4272	4308	4343	4379	4415	4451	4486	36
1·90	4522	4558	4508	4629	4664	4700	4785	4770	4805	4841	35
1	4876	4911	4946	4981	5016	5051	5086	5121	5155	5190	35
2	5225	5260	5294	5829	5363	5398	5432	5466	5501	5535	34
3	5569	5604	5688	5672	5706	5740	5774	5808	5842	5870	33
4	5909	5948	5977	6010	6044	6078	6111	6145	6178	6212	33
5	6245	6278	6312	6845	0378	6411	6444	6477	6510	6543	33
6	6576	6609	6642	6675	6708	6740	6773	6806	6838	6871	33
7	6904	6986	6968	7001	7033	7066	7098	7130	7162	7195	32
8	7227	7259	7291	7823	7855	7387	7419	7450	7482	7514	32
9	7546	7577	7609	7641	7672	7704	7785	7767	7798	7880	31
2.00	<b>7</b> 861	7892	7924	7955	7986	8017	8048	8079	8110	8141	31

D.	1	2	3	4	5	6	7	8	9
64 63 62 61 60	6 6 6 6	13 13 12 12 12	19 19 19 18 18	26 25 25 24 24	32 32 31 31 30	38 38 37 37 36	45 44 43 43 42	51 50 50 49 48	58 57 56 55
59 58 57 56 55	6 6 6 6	12 12 11 11	18 17 17 17 17	24 23 23 22 22	30 29 29 28 28	35 35 34 34 33	41 41 40 39 39	47 46 46 45 44	53 52 51 50 50
54 53 52 51 50	5 5 5 5	11 10 10 10	16 16 16 15	22 21 21 20 20	27 27 26 26 25	32 32 31 31 30	38 37 36 36 35	43 42 42 41 40	49 *48 47 46 45
49 48 47 46 45	5 5 5 5	10 10 9 9	15 14 14 14 14	20 19 19 18 18	25 24 24 23 23	29 29 28 28 27	34 34 33 32 32	39 38 38 37 36	44 43 42 41 41
44 43 42 41 40	4 4 4	9 9 8 8	13 13 13 12 12	18 17 17 16 16	22 22 21 21 20	26 26 25 25 24	31 30 29 29 28	35 34 34 33 32	40 39 38 37 36
39 38 37 36 35	4 4 4 4	8 7 7 7	12 11 11 11 11	16 15 15 14 14	20 19 19 18 18	23 23 22 22 22 21	27 27 26 25 25	31 30 30 29 28	35 34 33 32 32
34 33 32 31	3 3 3	7 7 6 6	10 10 10	14 13 13 12	17 17 16 16	20 20 19 19	24 23 22 22	27 26 26 25	31 30 29 28

, 0	00						, u o.					
No.		0	1	2	3	4	5	6	7	8	9	D.
2·0		7861	8172	8480	8784	9084	9381	9675	9965	*0251	*0535	280
1		0815	1092	1366	1638	1906	2171	2434	2693	2950	3205	251
2		3456	3705	3952	4196	4438	4677	4914	5148	5380	5610	228
3		5838	6064	6287	6509	6728	6945	7161	7374	7585	7795	207
4		8002	8208	8412	8614	8815	9014	9210	9406	9599	9791	191
5 6 7 8 9	T-6	9982 1802 3484 5046 6502	*0171 1976 3646 5196 6642	*0358 2149 3806 5845 6781	*0543 2320 3965 5493 6919	*0728 2490 4123 5640 7057	*0910 2659 4279 5786 7193	*1092 2827 4435 5931 7329	*1271 2993 4589 6075 7464	*1450 3158 4743 6218 7598	*1627 3322 4895 6360 7731	175 162 151 142 132
3·0	Ī.7	7863	7994	8125	8254	8383	8511	8639	8765	8891	9016	124
1		9140	9264	9386	9508	9629	9750	9870	9989	*0107	*0225	117
2		0342	9458	9574	9689	0803	0917	1030	1142	1254	1366	110
3		1476	1586	1695	1804	1912	2020	2127	2233	2339	2444	105
4		2549	2653	2756	2859	2962	3064	8165	3266	8366	3466	99
5		3565	3664	8762	3860	3957	4054	4151	4246	4342	4437	94
6		4531	4625	4719	4812	4904	4996	5088	5179	5270	5360	90
7		5450	5540	5629	5718	5806	5894	5981	6068	6155	6241	86
8		6327	6412	6497	6582	6666	6750	6883	6916	6999	7081	82
9		7163	7245	7326	7407	7488	7568	7648	7728	7807	7885	79
4·0	T·8	7964	8042	8120	8197	8275	8351	8428	8504	8580	8656	75
1		8731	8806	8880	8955	9029	9102	9176	9249	9321	9394	72
2		9466	9538	9610	9681	9752	9823	9898	9964	*0033	*0103	69
8		0172	0242	0310	0379	0447	0515	0583	0651	0718	0785	67
4		0852	0918	0984	1050	1116	1182	1247	1312	1377	1441	64
5		1505	1569	1633	1697	1760	1823	1886	1949	2011	2074	61
6		2185	2197	2259	2320	2381	2442	2503	2563	2023	2088	60
7		2748	2803	2862	2921	2980	8030	8098	3156	3214	3272	58
8		8380	3388	3445	3502	3559	8616	8073	3729	3785	3841	50
9		8897	3953	4008	4064	4119	4174	4229	4283	4338	4392	54
5·0		4446	4500	4558	4607	4660	4714	·4767	4820	4872	4925	52
1		4977	5029	5081	5133	5185	5296	5288	5339	5390	5441	51
2		5492	5542	5593	5643	5693	5748	5703	5842	5892	5941	49
3		5990	6039	6088	6187	6186	6294	6283	6331	6379	6427	47
4		6474	6522	6570	6617	6664	6711	6758	6805	6852	6898	40
5		6944	6991	7037	7083	7129	7174	7220	7265	7311	7356	48
6		7401	7446	7491	7586	7580	7625	7669	7713	7757	7801	44
7		7845	7889	7932	7976	8019	8062	8105	8148	8191	8234	43
8		8277	8319	8362	8404	8446	8488	8530	8572	8614	8656	41
9		8697	8789	8780	8821	8862	8903	8944	8985	9025	9066	40
6.0		9106	9147	9187	9227	0267	9807	9847	9387	9426	9466	89

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810 800 290 280 270	31 30 29 28 27	60	93 90 87 84 81		150		210	$240 \\ 232 \\ 224$	270 261 252	81 80 79 78 77	8888	16 16 16 16 15		32	40 40 39	49 48 47 47 46	57 56 55 55	65 64 63 62 62	73 72 71 70 69
260 250 240 230 220	26 25 24 23 22	52 50 48 46 44	78 75 72 69 66	104 100 96 92 88	130 125 120 115 110	138	$\begin{array}{c} 175 \\ 168 \end{array}$	184	225 216 207	76 75 74 73 72	8 7 7	15 15 15 15 14	22	30 30 30 29 29	38 38 37 37 36	46 45 44 44 43		61 60 59 58 58	68 68 67 66 65
210 200 190 180 170	21 20 19 18 17		63 60 57 54 51	84 80 76 <b>72</b> 68	95	120 114 108	133	144	180 171 162	71 70 69 68 67	7 7 7 7	14 14 14 14 13	21 21 21 20 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60
160 150 140 130 120	16 15 14 13 12		48 45 42 39 36	64 60 56 52 48	80 75 70 65 60	96 90 84 78 72	105	128 120 112 104 96	$\begin{array}{c} 135 \\ 126 \end{array}$	66 65 64 63 62	7 7 6 6 6	13 13 13 13	20 20 19 19	26 26 26 25 25	33 33 32 32 31	40 39 38 38 37	46 46 45 44 48	53 52 51 50 50	59 59 58 57 56
110 100 99 98 97		$22 \\ 20 \\ 20 \\ 20 \\ 19$	33 30 30 29 29	44 40 40 39	55 50 50 49 49	66 60 59 59	77 70 69 69 68	88 80 79 78 78	99 90 89 88 87	61 60 59 58 57	6 6 6 6	12 12 12 12 12	18 18 18 17	24 24 24 23 23	31 30 30 29 29	37 36 35 35 34	43 42 41 41 40	49 48 47 46 46	55 54 53 52 51
96 95 94 93 92	10 10 9 9	$\frac{19}{19}$	29 29 28 28 28	38 38 38 37 37	48 48 47 47 46	58 57 56 56	67 66 65 64	77 76 75 74 74	86 86 85 84 83	56 55 54 53 52	6 5 5 5	11 11 11 11	17 17 16 16 16	22 22 22 21 21		34 33 32 32 31	39 39 38 37 36	45 44 43 42 42	50 50 49 48 47
91 90 89 88 87	9 9 9	18 18 18 18	27 27 27 26 26	36 36 35 35	46 45 45 44 44	55 54 .53 .53	64 63 62 62 61	73 72 71 70 70	82 81 80 79 78	51 50 49 48 47	5 5 5 5	10 10 10 10	15 15 15 14 14	20 20 20 19 19	$\begin{array}{c} 25 \\ 25 \end{array}$	31 30 29 29 28	36 35 34 34 33	41 40 39 38 38	46 45 44 43 42
86 85 84 83 82	9 9 8 8 8	17 17 17 17 16	26 26 25 25 25	34 34 34 83 83	43 43 42 42 41	52 51 50 50 49	60 59 58 57	69 68 67 66	77 77 76 75 74	40 45 44 48 42	5 4 4 4	9 9 9 8	14 14 13 13	18 18 18 17	$\begin{array}{c} 23 \\ 22 \end{array}$	28 27 26 26 25	32 32 31 30 29	37 36 35 34 34	41 41 40 39 88
										41 40 39	4 4	8 8 8	12 12 12	16 16 16		25 24 23	29 28 27	33 32 31	37 36 35
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	No.		0	1	2	3	4	5	6	7	8	9	D.
	6.0	Ī·8	9106 9505	9147 9545	9187 9584	9227 9623	9267 9662	9307 9701	9347 9740	9387 9778	9426 9817	9466 9856	39 38
I	$egin{array}{c} 1 \\ 2 \end{array}$		9894	9932		*0009				*0160			37
	3 4	T-9	0273 0643	0311 0680	0848 0716	0385 0752	0422 0789	0459 0825	0496 0861	0533 0897	0570 0933	0607 0969	36 35
	5 6		1004 1357	1040 1392	1076 1427	1111 1461	1147 1496	1182 1531	1217 1565	1252 1599	$\frac{1287}{1634}$	$\begin{array}{c} 1822 \\ 1668 \end{array}$	35 34
	7		1702	1736	1770	1804	$\frac{1838}{2172}$	1871 2205	1905 2237	1939 2270	$\frac{1972}{2303}$	$\frac{2006}{2336}$	33
	8 9		2039 2868	$\begin{array}{c} 2072 \\ 2401 \end{array}$	2105 2433	2139 2466	2498	2530	2563	2595	2627	2659	32 32
	7.0		2691 3006	2723 3037	2754 3068	2786 3099	2818 3130	2849 8161	2881 3192	2912 3223	2944 3254	2975 3284	31 31
ĺ	2		3315	3345	3376	3406	3437	3467	3497	3527	3557	8587	30
	3 4		3617 3914	3647 3943	3677 3972	8707 4001	3737 4030	8760 4059	3796 4088	3825 4117	3855 4146	3884 4175	30 29
	5 6		4204 4488	4233 4517	4261 4545	4290 4573	4318 4601	4847 4629	4375 4656	4404 4684	4432 4712	4460 4740	28 27
i	7		4767	4795	4823	4850	4878	4905	4932	4960	4987	5014	27
	8		5041 5310	5068 5 <b>33</b> 6	5095 5363	5122 5389	5149 5416	5176 5442	5203 5468	5230 5495	5256 5521	5283 $5547$	27 26
	8·0 1		5578 5832	5599 5857	5625 5883	5651 5908	5677 5934	5703 5959	5729 5985	5755 6010	5780 6035	5806 6061	26 25
	2		6086	6111	6136	6161	6186	6211	6286	6261	6286	6310	25
	8 4		6335 6580	6860 6605	6385 6629	6409 6653	6434 6677	6458 6701	6488 6725	6507 6749	6532 6773	6556 6797	24 24
i	5 6		68 <b>21</b> 7058	68 <b>4</b> 5 70 <b>8</b> 1	6869 7105	6803 7128	6916 7151	6940 7175	6964 7198	6987 7221	7011 7244	7034 7267	24 24
ı	7		7291	7314	7337	7360	7383	7405	7428	7451	7474	7497	22
	8 9		7519 7744	$\begin{array}{c} 7542 \\ 7767 \end{array}$	7565 7789	7587 7811	7610 7833	7682 7856	7655 7878	7677 7900	7700 7922	7722 7944	22 22
	9.0		7966 8184	7988 8205	8010 8227	8082	8058	8075 8291	8097	8119	8140	8162	22
	1 2		8898	8419	8441	8248 8462	8270 8483	8291 8504	8813 8525	8884 8546	8856 8567	8377 8588	21 21
ı	8		8609	8630	8651	8672	8693	8714	8734	8755	8776	8796	21
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36 35 34 33 32	4 3 3 3	7 7 7 6	11 10 10 10	14 14 14 13 13	18 18 17 17	22 21 20 20 19	25 25 24 23 22	29 28 27 26 26	32 32 31 30 29
31 30 29 28 27	3 3 3 3	6 6 6 5	9 9 9 8 8	12 12 12 11	16 15 15 14 14	19 18 17 17 16	22 21 20 20 19	25 24 23 22 22	28 27 26 25 24
26 25 24 23 22	8 % 31 31 31	5 5 5 4	8 8 7 7 7	10 10 10 9	13 13 12 12 12	16 15 14 14 13	18 18 17 16 15	21 20 19 18 18	23 23 22 21 20
21 20 19 18	2 2 2 2	4 4 4	6 6 5	8 8 8 7	11 10 10 9	13 12 11 11	15 14 13 13	17 16 15 14	19 18 17 16

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10 1 2 3 4	0.0	0000 1761 3309 4686 5923	0187 1925 3454 4816 6040	0372 2087 3597 4944 6156	0554 2246 3739 5071 6271	0733 2403 3879 5196 6384	0911 2559 4017 5321 6497	1086 2713 4154 5444 6608	1258 2865 4289 5565 6719	1428 3015 4423 5686 6828	1596 3163 4555 5805 6937	165 146 131 118 107
5 6 7 8	0.1	7044 8067 9006 9874 0679	7151 8165 9096	7256 8261 9185	7360 8357 9274 *0121 0909	7464 8452 9361 *0203 0985	7567 8546 9448 *0284 1060	7668 8640 9535 *0364 1135	7769 8733 9621 *0443 1209	7870 8825 9706 *0522 1283	7969 8916 9790 *0601 1356	98 90 84 78 73
20 1 2 3 4	,,	1429 2130 2789 3409 3995	1501 2198 2853 3469 4051	1573 2265 2916 3529 4108	1644 2332 2979 3588 4164	1715 2399 3041 3647 4220	1785 2465 3103 3706 4275	1855 2530 3165 3764 4331	1925 2596 3227 3822 4386	1994 2661 3288 3880 4440	2062 2725 3349 3937 4495	68 64 60 58
5 6 7 8 9	./	4549 5075 5575 6052 6507	4603 5126 5624 6098 6551	4656 5177 5672 6144 6595	4710 5227 5720 6190 6639	4762 5278 5768 6236 6683	4815 5328 5816 6282 6726	4868 5378 5864 6327 6770	4920 5428 5911 6372 6813	4972 5477 5958 6417 6856	5023 5526 6005 6462 6899	52 49 47 45 45
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5 6 7 8 9	0.2	8867 9209 9540 9860 0169	8901 9248 9573 9891 0199	8936 9 <b>277</b> 9605 9922 0229	8971 9310 9637 9954 0260	9005 9348 9669 9985 0290	9040 9376 9701 *0016 0320	9074 9409 9733 *0046 0849	9108 9442 9765 *0077 0379	9142 9475 9797 *0108 0409	9176 9508 9828 *0138 0438	33 32 32 31 30
40 1 2 3 4	.2	0468 0758 1039 1311 1576	0497 0786 1066 1338 1602	0527 0814 1094 1365 1628	0556 0843 1121 1391 1654	0585 0871 1149 1418 1679	0614 0899 1176 1444 1705	1203 1471	0672 0955 1230 1497 1756	0700 0983 1257 1528 1782	0729 1011 1284 1550 1807	29 28 27 26 26
5 6 7 8 9	,2	1833 2083 2326 2563 2794	1858 2108 2350 2586 2816	1883 2132 2374 2610 2839	1909 2157 2398 2683 2862	1934 2181 2422 2656 2884	1959 2205 2445 2679 2907	2469 2702	2009 2254 2493 2725 2952	2033 2278 2516 2748 2974	2058 2302 2540 2771 2996	25 24 23 23 23
50 1	.2	3019 3238	8041 8260	3063 3281	3085 8808	3107 3324	3129 3345		3173 3388	3194 8409	3216 3431	22

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D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
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98 97 96 95 94		20 19 19 19	29 29 29 29 28	39 39 38 38 38	49 48 48 47	59 58 58 57 56	69 68 67 67	78 78 77 76 75	88 87 86 86 85	53 52 51 50 49	5 5 5 5 5	11 10 10 10 10	16 16 15 15	21 21 20 20 20	27 26 26 25 25	32 31 31 30 29	37 36 36 35 34	42 42 41 40 39	48 47 46 45 44
93 92 91 90 89	9 9 9	19 18 18 18	28 28 27 27 27	37 37 36 36 36	47 46 46 45	56 55 55 54 53	65 64 64 63 62	74 74 73 72 71	84 83 82 81 80	48 47 46 45 44	5 5 5 4	10 9 9 9	14 14 14 14 13	19 18 18	24 24 23 23 22	28 28	34 33 32 32 31	38 38 37 36 35	43 42 41 41 40
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73 72 71 70 69	7 7 7 7			29 29 28 28 28	37 36 36 35 35	44 43 43 42 41	51 50 50 49 48	58 57 56 55	66 65 64 63 62	28 27 26 25 24	3 3 3 2	6 5 5 5	8 8 8 7	11 10 10 10	14 14 13 13 12	16 16 15	20 19 18 18 17	22 22 21 20 19	25 24 23 23 22
68 67 66 65 64	7 7 7 7 6	14 13 13 13	20 20 20 20 19	27 27 26 26 26	34 34 33 33 32	41 40 40 39 38	48 47 46 46 45	54 54 53 52 51	61 60 59 59 58	23 22 21 20 19	2 2 2 2 2 2	5 4 4 4 4	7 7 6 6 6	9 9 8 8 8	11 11 10		16 15 15 14 13	18 18 17 16 15	21 20 19 18 17
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55	0.2	4064	4084	4103	4123	4142	4162	4181	4201	4220	4240	19
6		4259	4278	4297	4316	4336	4355	4374	4393	4412	4431	18
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8		4636	4654	4673	4691	4709	4727	4746	4764	4782	4800	18
9		4818	4836	4854	4872	4890	4908	4926	4944	4961	4979	18
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1		5172	5189	5206	5224	5241	5258	5275	5292	5309	5326	17
2		5343	5360	5377	5394	5411	5428	5445	5461	5478	5495	16
3		5511	5528	5545	5561	5578	5594	5611	5627	5643	5660	16
4		5676	5692	5709	5725	5741	5757	5773	5790	5806	5822	16
5 6 7 8 9		5838 5996 6152 6305 6455	5854 6012 6167 6320 6469	5870 6028 6183 6335 6484	5886 6043 6198 6850 6499	5902 6059 6218 6365 6514	5917 6074 6229 6380 6529	5993 6090 6244 6395 6543	5949 6106 6259 6410 6558	5965 6121 6274 6425 6573	598/ 5981 6136 6289 6440 6587	15 16 16 15 15
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5		7302	7315	7828	7842	7855	7368	7882	7395	7408	7421	14
6		7435	7448	7461	7474	7487	7500	7513	7526	7539	7552	13
7		7565	7578	7591	7604	7617	7630	7643	7656	7669	7681	13
8		7694	7707	7720	7732	7745	7758	7771	7783	7796	7809	12
9		7821	7884	7846	7859	7871	7884	7806	7909	7921	7934	12
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1		8069	8081	8093	8105	8118	8180	8142	8154	8160	8178	12
2		8190	8202	8214	8226	8238	8250	8262	8274	8286	8297	12
3		8309	8821	8333	8345	8356	8368	8380	8392	8408	8415	12
4		8427	8438	8450	8462	8478	8485	8496	8508	8520	8531	12
5 6 7 8 9	;	8548 8657 8769 8880 8990	8554 8668 8781 8891 9001	8566 8679 8792 8902 9012	8577 8691 8803 8918 9022	8589 8702 8814 8924 9033	8000 8718 8825 8935 9044	8611 8725 8836 8946 9055	8623 8736 8847 8957 9066	8634 8747 8858 8968 9076	8646 8758 8869 8979 9087	11 11 11 11
90	!	9098	9109	9119	9130	9141	9151	9162	9173	9183	9194	10
1		9204	9215	9225	9236	9247	9257	9268	9278	9289	9299	10
2		9809	9820	9880	9341	9351	9861	9372	9382	9393	9403	10
3		9418	9428	9484	9444	9454	9465	9475	9485	9495	9505	11
4		9516	9526	9586	9546	9556	9566	9576	9586	9596	9607	11
5 6 7 8 9	1	9617 9716 9815 9912 9008	9627 9726 9825 9922 0018	9637 9736 9834 9931 0027	9647 9746 9844 9941 0037	9657 9756 9854 9951 0046	9667 9766 9864 9960 0056	9677 9776 9878 9870 0065	9687 9785 9883 9979 0075	9696 9795 9893 9989 0084	9706 9805 9902 9999 0094	10 10 10 9
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15 14 13 12 11	2 1 1 1	3 3 3 2 2	5 4 4 4 3	6 6 5 5 4	8 7 7 6 6	9 8 8 7 7	11 10 9 8 8	12 11 10 10	14 13 12 11 10
10 9	1 1	2 2	3	4	5	6 5	<b>7</b>	8 7	9 8

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No.	. 0.	0 1.0	2.0	3.0	4:0	5.0	6.0	7.0	8.0	9.0	D.
10 1 2 3 4	0·3 010 099 178 250 310	1076 39 1865 19 2578	0289 1159 1939 2045 3290	0381 1241 2013 2712 3351	0471 1321 2086 2779 3412	0561 1401 2158 2845 3473	0649 1481 2230 2910 3533	0736 1559 2301 2975 3592	0828 1636 2871 3039 3651	0908 1713 2440 3103 3710	85 76 69 63 58
5 6 7 8 9	376 432 483 532 577	24 4377 39 4889 30 5366	3882 4430 4938 5412 5856	3939 4482 4987 5458 5899	3995 4534 5035 5503 5942	4051 4586 5084 5548 5984	4106 4637 5132 5593 6026	4161 4688 5179 5638 6068	4216 4739 5226 5682 6110	4270 4789 5278 5726 6151	54 50 47 44 41
20 1 2 3 4	619 659 696 732 766	0 6629 7 7003 8 7358	6274 6667 7039 7892 7727	6314 6705 7075 7426 7760	6354 6743 7111 7460 7702	6394 6781 7147 7494 7825	6434 6819 7183 7528 7857	6473 6856 7218 7562 7889	6512 6893 7253 7595 7924	6551 6930 7288 7628 7952	39 37 35 34 32
5 6 7 8 9	798 829 858 880 913	1 8321 5 8614 6 8894	8046 8351 8642 8921 9188	8078 8381 8671 8948 9214	8109 8410 8699 8975 9241	8139 8440 8727 9002 9267	8170 8469 8755 9029 9292	8200 8498 8783 9056 9318	8231 8527 8811 9083 9344	8261 8556 8839 9109 9369	30 29 27 27 26
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5 6 7 8 9	055 076 096 115 134	1 0782 3 0983 8 1178	0595 0802 1002 1197 1385	0616 0822 1022 1216 1404	0687 0848 1042 1235 1422	0658 0868 1061 1254 1440	0679 0883 1081 1273 1459	0699 0903 1100 1292 1477	0720 0923 1120 1310 1495	0741 0943 1139 1329 1514	20 20 19 19 18
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5 6 7 8 9.	287 258 268 283 297	3 2549 5 2700 4 2848	2409 2564 2715 2863 3007	2424 2579 2730 2877 3021	2440 2594 2745 2892 3035	2456 2610 2760 2906 3050	2471 2625 2775 2021 3064	2487 2640 2789 2035 3078	2502 2655 2804 2950 3092	2518 2670 2819 2964 8106	15 15 15 14 14
50 1 2 8 4	312 325 339 352 365	8 3272 3 3406 5 3538	3148 3285 3420 3551 3680	3162 3299 3433 8564 3693	3175 3312 3446 3577 3705	3189 3326 3459 3590 3718	3203 3339 3473 3608 3731	3217 3353 3486 3616 3743	3231 3366 3499 3629 3756	8244 8380 8512 8642 8768	14 13 13 12 13
5	878	1 8798	8806	3818	3831	3843	3855	3868	8880	3892	18

D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
94 92 90 88 87	9 9 9 9	19 18 18 18 17	28 28 27 26 26	38 37 36 35 35	47 46 45 44 44	56 55 54 53 52	66 64 63 62 61	75 74 72 70 70	85 83 81 79 78	46 45 44 43 42	5 5 4 4 4	9 9 9 9 8	14 14 13 13	18 18 18 17 17	23 23 22 22 21	28 27 26 26 25	32 32 31 30 29	37 36 35 34 34	41 41 40 39 38
85 83 82 80 78	9 8 8 8 8	17 17 16 16 16	26 25 25 24 23	34 33 33 32 31	43 42 41 40 39	51 50 49 48 47	60 5.8 57 56 55	68 66 66 64 62	77 75 74 72 70	41 40 39 38 37	4 4 4 4	8 8 8 8 7	12 12 12 11 11	16 16 16 15 15	$21 \\ 20 \\ 20 \\ 19 \\ 19$	25 24 23 23 22	29 28 27 27 26	33 32 31 30 30	37 36 35 34 33
77 76 74 78 72	8 8 7 7 7	15 15 15 15 14	23 23 22 22 22 22	31 30 30 29 29	39 38 37 37 36	46 46 44 44 43	54 53 52 51 50	62 61 59 58 58	69 68 67 66 65	36 35 34 33 32	4 4 3 3 3	7 7 7 7 6	11 10 10 10	14 14 14 13	18 18 17 17 16	22 21 20 20 19	25 25 24 23 22	29 28 27 26 26	32 32 31 30 29
71 70 69 68 67	7 7 7 7	1.4 1.4 1.4 1.4 1.3	21 21 21 20 20	28 28 28 27 27	36 35 35 34 34	43 42 41 41 40	50 49 48 48 47	57 56 55 54 54	64 63 62 61 60	31 30 29 28 27	3 3 3 3 3	6 6 6 5	9 9 8 8	12 12 12 11	16 15 15 14 14	19 18 17 17	22 21 20 20 19	25 24 23 22 22	28 27 26 25 24
66 65 64 63 62	7 7 6 6 6	13 13 13 13	20 20 19 19	26 26 26 25 25	33 33 32 32 31	40 39 38 38 37	46 46 45 44 43	53 52 51 50 50	59 59 58 57 56	26 25 24 23 22	3 2 2 2	5 5 5 4	8 7 7 7	10 10 10 9	13 13 12 12 11	16 15 14 14 13	18 18 17 16 15	21 20 19 18 18	23 23 22 21 20
61 60 59 58 57	6 6 6 6	12 12 12 12 12	18 18 18 17	24 24 24 23 23	31 30 30 29 29	37 36 35 35 84	43 42 41 41 40	49 48 47 46 46	55 54 53 52 51	21 20 19 18 17	2 2 2 2 2	4 4 4 8	6 6 5 5	8 8 7 7	11 10 10 9 9	13 12 11 11 10	15 14 13 13	17 16 15 14 14	19 18 17 16 15
56 55 54 53 52	6 6 5 5	11 11 11 11	17 17 16 16	22 22 22 21 21	28 28 27 27 26	34 33 32 32 31	39 39 38 37 36	45 44 43 42 42	50 49 48	16 15 14 13 12	2 2 1 1	3 3 3 2	5 4 4 4	6 6 5 5	8 7 7 6	10 9 8 8 7	11 11 10 9 8	13 12 11 10 10	14 14 13 12 11
51 50 49 48 47	5 5 5 5	10 10 10 10	15 15 14	20 19	26 25 25 24 24		36 35 34 34 33		45 44										
L	<u>'</u>						-,			<del></del>	ــــــــــــــــــــــــــــــــــــــ							20	3

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No.	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7:0	8.0	9.0	D.
55 6 7 8 9	0·4 3781 3905 4026 4145 4261	3793 3917 4038 4157 4273	3806 3929 4050 4168 4284	3818 3941 4062 4180 4296	3831 3953 4074 4192 4307	3843 3966 4086 4203 4319	3855 3978 4098 4215 4330	3868 3990 4109 4227 4342	3880 4002 4121 4238 4353	3892 4014 4133 4250 4364	13 12 12 11 11
60 1 2 3 4	4376 4488 4598 4706 4812	4387 4499 4609 4716 4822	4398 4510 4619 4727 4833	4409 4521 4630 4738 4843	4421 4532 4641 4748 4853	4432 4543 4652 4759 4864	4443 4554 4663 4769 4874	4454 4565 4673 4780 4885	4465 4576 4684 4791 4895	4477 4587 4695 4801 4905	11 11 11 11 11
5 6 7 8 9	4916 5018 5118 5217 5314	4926 5028 5128 5227 5324	4936 5038 5138 5237 5333	4947 5048 5148 5246 5343	4957 5058 5158 5256 5353	4967 5068 5168 5266 5362	4977 5078 5178 5276 5372	4987 5088 5188 5285 5381	4998 5098 5198 5295 5391	5008 5108 5207 5805 5400	10 10 10 9 10
70 1 2 3 4	5410 5504 5596 5687 5777	5419 5513 5605 5696 5785	5429 5522 5614 5705 5794	5438 5532 5624 5714 5803	5447 5541 5633 5723 5812	5457 5550 5642 5732 5821	5466 5559 5651 5741 5880	5476 5569 5660 5750 5838	5485 5578 5669 5759 5847	5494 5587 5678 5768 5856	10 9 9 9
5 6 7 8 9	5865 5952 6037 6121 6204	5873 5960 6046 6130 6213	5882 5969 6054 6138 6221	5891 5977 6062 6146 6229	5900 5986 6071 6155 6237	5908 5994 6079 6163 6245	5917 6003 6088 6171 6253	5926 6012 6096 6179 6262	5934 6020 6105 6188 6270	5943 6029 6113 6196 6278	9 8 8 8
80 1 2 3 4	6286 6367 6440 6525 6602	6294 6375 6454 6532 6610	6302 6388 6462 6540 6617	6310 6391 6470 6548 6625	6318 6399 6478 6556 6633	6326 6407 6486 6563 6640	6835 6415 6493 6571 6648	6343 6422 6501 6570 6655	6351 6430 6509 6587 6663	6359 6438 6517 6594 6671	8 8 8 8 7
5 6 7 8 9	6678 6753 6828 6901 6973	6686 6761 6835 6908 6980	6693 6768 6842 6915 6988	6701 6776 6850 6928 6995	6708 6783 6857 6930 7002	6716 6791 6864 6937 7009	6728 6798 6872 6944 7016	6731 6805 6879 6951 <b>7</b> 028	6788 6813 6886 6959 7080	6746 6820 6894 6966 7038	7 8 7 7
90 1 2 3 4	7045 7115 7185 7253 7321	7052 7122 7192 7260 7828	7059 7129 7199 7267 7385	7066 7136 7205 7274 7342	7073 7143 7212 7281 7348	7080 7150 7219 7288 7855	7087 7157 7226 7294 7862	7094 7164 7233 7301 7868	7101 7171 7240 7308 7875	7108 7178 7247 7315 7882	7 7 6 6 6
5 6 7 8 9	7888 7455 7520 7585 7649	7395 7461 7527 7591 7655	7402 7468 7538 7598 7662	7408 7474 7540 7604 7668	7415 7481 7546 7611 7674	7422 7488 7553 7617 7681	7428 7494 7559 7628 7687	7435 7501 7566 7630 7698	7442 7507 7572 7636 7700	7448 7514 7578 7643 7706	7 6 7 6
100	7712	7718	7725	7781	778 <b>7</b>	7748	7750	7756	7762	7768	7

D.	1	2	3	4	5	6	7	8	9
13 12 11 10 9	1 1 1 1	3 2 2 2 2	4 4 3 3 3	5 5 4 4	7 6 6 5	8 7 7 6 5	9 8 8 7 6	10 10 9 8 7	12 11 10 9 8
8 7 6	1 1 1	2 1 1	2 2 2	3 3 2	4 4 3	5 4 4	6 5 4	6 6 5	7 6 5

# ILLOLOGS OF NUMBERS

## (ANTILOLOGS OF NUMBERS)

from  $\overline{6}$ ·0 to 0·5 and from  $\overline{6}$ ·0 to 0·5000.

6.0 - 1.0

No.	.0	- 10	-2	.3	·4	·5	·6	.7	.8	∙9
6 E 3	0.99 9998 9977 9770 7700	9997 9971 9710 7105	9996 9964 9635 6357	9995 9954 9541 5416	9994 9942 9422 4233	9993 9927 9272 2745	9991 9908 9084 0875	9988 9884 8847	9985 9855 8548	9982 9817 8173

No.		0	1	2	3	4	5	6	7	8	9	D.
3.0	0.9	977	976	976	975	975	974	974	973	972	972	1.
t		971	970	970	969	968	968	967	966	965	964	0
23		964	963	962	961	960	959	958	957	956	955	1 2
3		954	953	952	951	950	949	947	946	945	944	2
-1		942	941	940	938	937	935	934	932	931	$\boldsymbol{929}$	2
		927	926	924	922	920	919	917	915	91.3	911	2
6		909	907	904	902	900	898	895	893	890	888	2 3 3
177		885	883	880	877	874	871	868	865	862	859	3
8		856	852	849	846	842	838	835	831	827	823	4
\$		819	815	810	806	801	797	792	787	783	777	4 5
9.0		772	767	762	756	751	745	739	733	727	721	7
1	i	714	708	701	694	687	680	673	665	657	650	8
2		642	633	625	61.7	608	599	590	580	571	561	10
- 3	l	551	541	530	520	509	498	486	475	463	450	12
-1		438	425	412	399	386	372	357	343	<b>32</b> 8	313	15
5		298	282	266	249	233	215	198	180	162	143	19
6	1	124	1.05	085	064	044	023	001	*979	*956	*934	24
7	0.8	910	886	862	837	811	785	759	732	705	676	28
8	1	648	619	589	558	527	496	464	431	397	363	35
!)		329	293	257	220	183	145	106	066	026	*985	42
1.0	0.7	943	901	858	814	769	723	677	630	582	533	49

D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
5	1	1	2	2	8	8	4	4	5	24	2	5	7	10	12	14	17	1.9	22
6	1	1	2	2	8	4	4	5	5	25	8	5	8	10	13	15	18	20	23
7	1	1.	2	3	4	4	5	6	6	26	8	5	8	10	13	16	18	21	23
8	1,	2	2	3	4	5	6	6	7	27	3	5	8	11	14	16	19	<b>22</b>	24
9	1	2	3	4	5	5	6	7	8	28	3	6	8	11	1.4	17	20	22	25
10	1	2	8	4	5	6	7	8	9	29	3	6	9	12	15	17	20	23	26
11	1	2	8	4	в	7	8	9	10	80	3	6	9	12	15	18	21	24	<b>27</b>
12	1	2	4	б	в	7	8	10	11	81	3	6	9	12	16	1.9	22	25	28
18	1	8	4	5	7	8	9	10	12	32	3	6	10	13	16	19	22	26	29
14	1	8	4	6	7	8	10	11	13	33	8	7	10	13	17	20	<b>23</b>	26	30
15	2	8	5	6	8	9	11	12	14	84	8	7	10	14	17	20	24	27	81
16	2	3	5	6	8	10	11	18	14	35	4	7	11	14	18	21	25	28	32
17	2	8	5	7	9	10	12	14	15	86	4	7	11	14	18	22	25	29	32
18	2	4	Б	7	9	11	13	14	16	37	4	7	11	15	19	$^{22}$	26	30	33
19	2	4	6	8	10	11	13	15	17	38	4	8	11	15	19	<b>23</b>	27	30	34
20	2	4	6	8	10	12	14	16	18	89	4	8	12	16	20	23	27	31	35
21	2	4	6	8	11	13	15	17	19	40	4	8	12	16	20	24	28	32	36
22	2	4	7	9	11	13	15	18	20	41	4	8	12	16	21	25	<b>29</b>	33	37
23	2	5	7	9	12	14	16	18	21	42	4	8	13	17	21	25	<b>2</b> 9	34	88

Ī·00-0·00 ILLOLOGS (Antilologs).

No.		0	1	2	3	4	Б	6	7	8	9	D.	P.P.
Ĩ·00	0.7	7 943	939		931		922	918				4	4
1		901 858	$897 \\ 853$	$892 \\ 849$	$888 \\ 844$	884 840	$879 \\ 836$	$875 \\ 831$	871 827	866 822		4	
2 3		814	809		800	796	791	787	782			4	
4		769	764		755	751	746	742	737	732	728	2	1 0 2 1 8 1 4 2 6 2 7 3 8 3 9 4
5 6		$\frac{723}{677}$	$\frac{719}{672}$	$\begin{array}{c} 714 \\ 668 \end{array}$	709 663	705 658	$\frac{700}{653}$	$\frac{696}{649}$	$691 \\ 644$	686 639		5	6 2 3
7		630	625	620	615	611	606	601	596	591	587	5	8 3
8		582	577	572	567	562	558	553	548	548		5	
9		533	<b>52</b> 8	523	518	513	508	503	498	494		5	5
Ĭ·10	1	484	479	474	469	464	458	453	448	443		5	1   1
1 2	1	433 382	$\frac{428}{377}$	$\frac{423}{372}$	418 366	$\frac{413}{361}$	$\frac{408}{356}$	$\begin{array}{r} 403 \\ 351 \end{array}$	$\frac{397}{346}$	392 340		5	3 2
3		330	325	319	814	309	304	298	293	288	282	5	6 3
4		277	272	266	261	256	250	245	240	234	229	6	1 1 2 1 3 2 4 2 5 3 6 8 7 4 8 4
5 6		$\frac{223}{169}$	218 163	213 158	$\begin{array}{c} 207 \\ 152 \end{array}$	202 147	196 141	191 136	185 130	180 125	$\frac{174}{119}$	5 5	9 5
7		114	108	102	097	091	086	080	074	069	068	6	
8		057	052	046	040	035	029	023	018	012	006	6	6
9		000	*995	*989	*983	*977	*971	*906	*960	*954	*948	6	1 1
1-20	0.6	$\begin{array}{c} 942 \\ 884 \end{array}$	937 878	$\frac{931}{872}$	$\frac{925}{866}$	010	918	907	901	895	890	6	1 1 2 1 8 2 4 2 6 8
$\frac{1}{2}$		824	818	812	806	860 800	$854 \\ 794$	848 788	842 782	836 776	830 770	6	6 8
$\tilde{3}$		764	757	751	745	739	733	727	721	715	708	G	6 8 6 4 7 4
4		702	696	690	684	677	671	665	659	653	646	6	9 5
5		640 577	634	628	621	615	609	602	596	590	588	6	
6 7		513	571 507	500 500	558 494	$\begin{array}{c} 552 \\ 487 \end{array}$	545 481	$\frac{539}{474}$	632 468	526 461	520 455	77	7
8		448	442	435	429	422	416	409	403	396	389	6	1 1 1
9		383	876	370	368	356	350	343	336	330	323	7	1   1 2   1 3   2 4   8 5   4 7   6 8   6
7.80		316	310	303	296	290	283	276	269	263	256	7	5 4 5 4
1		$\frac{249}{181}$	$\frac{242}{174}$	$\frac{236}{167}$	$\frac{229}{161}$	$\frac{222}{154}$	215 147	208	202	195	188	7	7 6
$\frac{2}{3}$		112	105	098	091	085	078	140 071	$\begin{array}{c} 133 \\ 064 \end{array}$	$\frac{126}{057}$	119 050	7	8 6
4		043	036	029	022	014	007	000	*998	*980	*979	7	
5	0.2	972	965	958	951	944	987	929	922	915	១០៩	7	8
6 7		901 829	$\begin{array}{c} 894 \\ 822 \end{array}$	$886 \\ 814$	$879 \\ 807$	872 800	865 792	858 785	850 778	848 771	886	7	1   1   2   3   2
ង		756	749	741	734	727	719	712	705	097	768 690	7 8	3 2
9		682	675	668	660	658	645	688	630	023	616	н	1   1 2   2 5   4 6   4 7   6 7   6 9   7
1.40		608 533	601 525	593	586	578	571	568	556	548	541	н	7 6
1 2		457	450	518 442	510 484	503 427	495 419	488 411	480 404	$\begin{array}{c} 472 \\ 396 \end{array}$	465 888	H	9 7
3		881	878	365	358	350	342	335	327	819	811	7 7	ا ر
4		804	296	288	280	273	265	257	249	242	284	8	9
5		226	218	210	202	195	187	179	171	163	155	7	1   1   2   2   3   3
6 7		148 068	140 061	$\begin{array}{c} 132 \\ 053 \end{array}$	$\begin{array}{c} 124 \\ 045 \end{array}$	116 037	108 029	100 021	092	084	076	8	4 4 5 5
8	0.4	989	981	978	965	957	949	941	013 933	005 925	*997 917	8 8	6 6
9		909	901	893	885	877	868	860	852	844	836	8	7 6 7
T-50		828	820	812	804	796	788	779	771	763	755	8	9   8
210				α	-								

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
1·50 1 2 3	0.4	828 747 665 583 501	820 739 657 575 492	812 731 649 567 484	804 722 641 558 476	796 714 632 550 467	788 - 706 624 542 459	779 698 616 534 451	771 690 608 525 443	763 682 600 517 434	755 673 591 509 426	8 8 8 8 8	9
5 6 7 8 9		418 334 251 167 083	409 326 242 158 074	401 318 234 150 066	393 309 226 142 057	384 301 217 133 049	376 293 209 125 041	368 284 200 116 032	359 276 192 108 024	351 267 184 100 015	343 259 175 091 007	9 8 8 8	1 2 2 3 4 4 5 5 6 7 8 9 8
1.60 1 2 3 4	0.3	998 914 829 745 660	990 906 821 736 652	982 897 812 728 643	973 889 804 719 635	965 880 796 711 626	956 872 787 702 618	948 863 779 694 609	939 855 770 685 601	931 846 762 677 592	922 838 753 668 584	8 9 8 8	8
5 6 7 8 9		575 491 406 322 238	567 482 398 813 229	558 474 389 305 221	550 465 381 296 212	541 457 372 288 204	533 448 364 280 196	525 440 356 271 187	516 432 347 263 179	508 423 339 254 170	499 415 330 246 162	8 9 8 8	1 2 2 3 4 5 6 7 8 0 7
1.70 t 2 3 4	0.2	154 070 987 904 821	145 062 978 896 813	137 053 970 887 805	129 045 962 879 797	120 037 954 871 789	112 028 945 868 780	103 020 937 854 772	$\begin{array}{c} 095 \\ 012 \\ 929 \\ 846 \\ 764 \end{array}$	087 003 920 838 756	078 *995 912 830 748	8 8 8 9	$\frac{7}{\frac{1}{2} \left  \begin{array}{c} 1\\ 1\\ 2 \end{array} \right }$
5 6 7 8 9		739 658 577 497 418	731 650 569 489 410	723 642 561 481 402	715 634 553 478 394	707 626 545 465 386	699 618 537 457 378	691 609 529 449 370	682 601 521 441 363	674 593 513 434 355	666 585 505 426 347	8 8 8 8	1 2 2 3 4 5 5 6 7 8 9 0
1.80 1 2 3 4		339 261 184 108 033	331 253 177 101 026	323 246 169 093 018	316 238 161 086 011	308 230 154 078 003	300 223 146 071 *996	202 215 139 063 *989	284 207 131 056 *981	277 200 123 048 *974	269 192 116 041 *966	8 8 8 7	6 1   1 2   1 3   2 4   2 5   8
5 6 7 8 9	0.1	959 886 814 744 674	952 879 807 736 667	044 872 800 730 660	937 864 793 728 653	930 857 786 716 647	922 850 779 709 640	915 843 772 702 633	908 836 765 695 626	901 829 758 688 619	893 821 751 681 612	7 7 7 7 6	1 1 2 2 3 4 5 6 7 8 9
1.90 1 2 3 4		606 539 473 409 346	599 532 467 402 840	592 526 460 396 334	585 519 454 390 327	570 512 447 884 821	572 506 441 377 315	565 499 434 371 309	559 493 428 365 303	552 486 422 358 297	545 480 415 352 291	6 7 6 6 6	5 1 1 2 1 3 2 4 2
5 6 7 8 9		285 225 166 109 054	278 219 160 104 048	272 213 155 098 043	266 207 149 092 038	260 201 143 087 032	254 195 137 081 027	248 189 132 076 021	242 184 126 070 016	236 178 120 065 011	231 172 115 059 005	6 6 5 5	1 1 2 2 3 4 4 6 7 8 9 5
0.00		000											

UU (	0.2		J	LL	OL	Jus	(xxxx		ပဋ္ဌာ	· ·			
No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0.00	0.1	000	*995	*080	*984	*979	*974	*968	*963	*958	*953	5	
1.	0.0		943	938	932	927	922	917	912	907	902	5	
¥.	"	897	892	887	882	877	872	868	863	858	853	5	5
2 3		848	843	839	834	829	824	820	815	810	805	4	1 1 1
4		801	796	792	787	782	778	773	769	764	760	5	1   1 3   1 8   2 4   2 5   3
6		755	751	746	742	737	733	728	724	720	715	4	4 2 5 3
6	-	711	707	702	698	694	690	685	681	677	673	-1	6 3
7		669	664	660	656	652	648	644	640	636	632	4	7 4
s	1	628	624	620	61.6	612	608	604	600	596	592	4	8 4
9		588	585	581	577	573	569	566	562	558	555	-4	
)-1 ()		551	547	544	540	536	533	529	526	522	518	3	4.
1		515	511	508	504	501	498	404	491	487	484	3	1   0
2	1	181		474	471	467	464	461	457	454	451	3	
:;	1	448		441	438	435	432	429	426	423	420	3	
·į		417	413	410	407	404	401	398	396	393	390	3	8 1 4 2 6 2 7 3
B		387	384	381	378	375	372	370	367	364	361	2	7 3
G		359	356	353	350		345	342	340	337	334	23	8 8
7.		332	329	327	324		319	316	314	311	309	2	D   4
8		307	304	302	299		294	292	290	287	285	2	
9		283	280	278	276	273	271	209	267	264	262	2	3
0-20		260	258	256	254	251	249	247	245	243	241	2 2	1   0
1		239	287	235	233	231	229	227	225	223	221	2	2 1 1 3 1
23		219	217	215	213	211	210	208	206	204	202	2	i   i
23		200	199	197	195	193	191	190		186	185	2	5 2
-1		183	181	180	178	176	175	173	171	170	168	1	4 1 5 2 7 2 8 2 9 8
5		167	165	163	162	160	159	157	156	154	153	22	H   2   0   8
6		151	150				144	143	141	140	139	3	
F7	1	107		108			101	100		107	100	1)	i

Subtract Proportional Parts.

 $\begin{array}{c} 122 \\ 110 \end{array}$ 

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0.30

0.3

 $\frac{124}{112}$ 

# ILLOLOGS (Antilologs).

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). 	.0	.1	•2	•3	· <b>4</b>	.5	•6	.7	.8	.9
1.00	0002	0003	0004	0005	0006	0007	0009	0012	0015	0018
	0023	0029	0036	0046	0058	0073	0092	0116	0145	0183
	0231	0290	0365	0459	0578	0728	0917	1155	1454	1831
	2305	2903	3656	4605	5801	7308	9209	*1607	*4634	*8458

0	1	2	3	4	5	6	7	8	9.	D.
1· 023 029 037	024 030 038	024 031 039	025 032 040	026 032 041	026 033 042	027 034 043	027 035	028 035	029 036 046	0 1 1
047 060	048 061	049 062	050 064	052 065	053 067	054 069	055 070	057 072	058 074	2 2
076 096 122	077 098 125	$079 \\ 101 \\ 128 \\ 164$	081 103 132	083 106 - 135	085 108 138	087 111 142	089 114 145	091 117 149	094 119 153	3 3 5
201	206	211	21.7	222	228	234	240	246	252	7
-	1· 023 029 037 047 060 076 096 122 156	1· 023	1· 023 024 024 029 030 031 037 038 039 047 048 049 060 061 062 076 077 079 096 098 101 122 125 128 156 160 164 201 206 211	1· 023 024 024 025 029 030 031 032 037 038 039 040 047 048 049 050 060 061 062 064 076 077 079 081 096 098 101 103 122 125 128 132 156 160 164 168 201 206 211 217	1· 023 024 024 025 026 029 030 031 032 032 037 038 039 040 041 047 048 049 050 052 060 061 062 064 065 076 077 079 081 083 096 098 101 103 106 122 125 128 132 135 156 160 164 168 173 201 206 211 217 222	1· 023 024 024 025 026 026 029 030 031 032 032 033 037 038 039 040 041 042 047 048 049 050 052 053 060 061 062 064 065 067 076 077 079 081 083 085 096 098 101 103 106 108 122 125 128 132 135 138 156 160 164 168 173 177 201 206 211 217 222 228	1· 023	1. 023     024     024     025     026     026     027     027       029     030     031     032     032     033     034     035       037     038     039     040     041     042     043     044       047     048     049     050     052     053     054     055       060     061     062     064     065     067     069     070       076     077     079     081     083     085     087     089       096     098     101     103     106     108     111     114       122     125     128     132     135     138     142     145       156     160     164     168     173     177     182     186       201     206     211     217     222     228     234     240	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

D.	1	2	3	4	5	6	7	8	9
23456789	0 0 0 1 1 1 1	0 1 1 1 1 2 2	1 1 2 2 2 2 3	1 1 2 2 2 3 3 4	1 2 2 3 3 4 4 5	1 2 2 8 4 4 5 5	1 2 3 4 4 5 6	2 3 4 5 6 7	2 3 4 5 5 6 7 8

Add Proportional Parts.

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
1 2 3	1· 259 266 273 280	260 266 273 281	260 267 274 281	261 268 275 282	262 268 276 283	262 269 276 283	263 270 277 284	264 271 278 285	264 271 278 280	272 279	1 1 1 1 1	2 3 4 5 1   0 0 0 1 2   0 1 1 1 3   1 1 1 2
4 5	287	288 296	289 296	289 297	290 298	291 299	292 299	292 300	301	294	î	1 0 0 0 1 1 1 1 2 3 4 4 1 1 2 2 2 3 7 1 2 2 3 4 4 5 9 2 2 3 4 4 5
6 7 8 9	303 311 319 327	303 311 320 328	304 312 321 329	305 313 321 330	306 314 322 331	307 315 323 332	307 316 324 333	308 316 325 334	309 317 326 334	310 318 327	1 1 0 1	6 7 8 9
I·10 1 2 3	336 345 355 364	337 346 356 865	338 347 357 366	339 348 357 367	340 349 358 368	841 850 859 869	342 351 360 370	343 352 361 371	343 353 362 372	354 363	1 1 1 1 1	2 1 1 2 2 3 2 2 2 3 4 2 3 3 4 6 8 4 4 5 6 4 4 5 5 7 4 5 6 6
5 6	374 384 395	385 396	376 386 397	377 387 398	378 389 399	879 890 400	380 391 401	381 392 402	382 393 404	383 394 405	1 1 1	10 11 12 13
7 8 9 T-20	406 417 429 440	407 418 430 442	408 419 431	409 420 432	410 422 433	411 428 434	412 424 436	414 425 437	415 426 438	416 427 439	1 2 1	4 4 5 5 5 6 6 7 6 6 7 7 8 7 7 8 8 9
1 2 3 4	453 465 479 492	454 467 480 493	443 455 468 481 495	444 456 469 483 49 <b>6</b>	445 458 471 484 498	447 459 472 485 409	448 460 473 487 500	449 462 475 488 502	450 463 476 489 508	451 464 477 491 505	2 1 2 1 1	14 15 16 17
5 6 7 8	506 520 535	507 522 537	509 523 538	510 525 540	512 526 541	518 528 548	515 529 545	516 531 546	518 532 548	519 534 549	1 1 2	1
1·30	551 567 583	552 568 585	554 570 587	555 572 588	557 578 590	559 575 592	560 577 598	562 578 595	563 580 597	565 581 598	2 2 2	18 19 20 21
1 2 3 4	600 618 636 655	602 620 638 657	604 621 640 659	605 623 642 661	607 625 644 663	609 627 645 665	611 629 647 667	612 681 649 669	614 632 651 670	616 634 653 672	G 21 21 21	1 2 2 2 2 2 4 4 4 4 3 5 6 6 6 6 4 7 8 8 8 5 9 10 10 11 6 11 11 12 18
5 6 7 8	674 695 716 737	676 697 718 740	678 699 720 742	680 701 722 744	682 703 724 746	684 705 726 748	686 707 720 751	689 709 731 753	691 711 733 755	698 718 786 768	व्य क १३ व	7   18 18 14 15 H   14 16 16 17 D   16 17 18 19 22 28 24 25
9 T·40 1	760 788 807	762 786 810	764 788 812	707 700 815	769 798 817	771 795 820	774 798 822	776 800 825	778 802 827	781 805 830	2 2 2	1   2   3   8   8   8   8   4   6   5   6   6   7   7   7   8   4   6   9   10   10   6   11   12   12   18   6   18   14   14   15
2 3 4	832 858 885	835 861 888	838 864 891	840 866 894	843 869 897	845 872 899	848 875 902	851 877 905	853 880 908	856 888 911	2 8	7   15 16 17 18 8   18 18 19 20 9   20 21 22 28 26 27 28 29
5 6 7 8 9	914 943 973 2· 004 037	916 946 976 008 041	919 949 979 ,011 044	922 952 982 014 047	925 955 985 017 051	928 958 989 021 054	981 961 992 024 057	934 964 995 027 061	937 967 998 031 064	940 970 *001 034 068	3	1
T-50	071	075	078	082	085	089	092	096	099	108		7   18 19 20 20 8   21 22 22 28 9   23 24 25 26

ILLOLOGS	(Antilologs).
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No.		0	1	2	3	4	5	6	7	8	9	D.		P.P.
T 50 1 2 3 4	2.	071 107 144 182 222	075 110 147 186 226	078 114 151 190 230	082 118 155 194 234	085 121 159 198 238	089 125 163 202 243	092 129 166 206 247	096 132 170 210 251	099 136 174 214 255	103 140 178 218 259	4 4 4 4 5	1 2 3 4 5	30 31 32 33 3 3 3 3 6 6 6 7 9 9 10 10 12 12 13 13 15 16 16 17
5 6 7 8 9		264 307 353 400 449	268 312 357 405 454	272 316 362 410 459	277 321 367 414 465	281 325 371 419 470	285 330 376 424 475	290 334 381 429 480	294 339 385 434 485	298 343 390 439 490	303 348 395 444 496	4 5 5 5 5	6789	18 19 19 20 21 22 22 23 24 25 26 26 27 28 29 30 34 35 36 37 3 4 4 4 4 7 7 7 7 7
T·60 1 2 3 4		501 555 611 670 782	506 560 617 676 739	512 566 623 683 745	517 572 629 689 751	522 577 635 695 758	528 583 641 701 764	533 588 646 707 771	538 594 652 713 777	544 600 658 720 784	549 606 664 726 790	6 5 6 . 6 . 7	23 4 5 6 7 8 9	10 11 11 11 14 14 14 15 17 18 18 10 20 21 22 22 24 25 25 20 27 28 20 30 31 32 32 33
5 6 7 8 9	3.	797 865 936 010 089	804 872 943 018 097	810 879 950 026 105	817 886 958 034 113	824 893 965 041 121	830 900 973 049 129	837 907 980 057 138	844 914 988 065 146	851 921 995 073 154	858 929 *003 081 163	7 7 7 8 8	1 2 3 4 5	88 89 40 41 4 4 4 4 8 8 8 8 11 12 12 12 15 16 16 16 10 20 20 21 28 23 24 25 27 27 28 20
T·70 1 2 3 4		171 257 348 444 544	179 266 358 454 555	188 275 367 463 565	196 284 376 473 576	205 293 386 483 586	214 302 395 493 597	222 311 405 504 607	231 320 415 514 618	240 330 424 524 629	248 339 434 534 640	9 9 10 10 10	7 8 9	30 31 32 33 34 35 36 37 42 43 44 45 4 4 4 5 8 9 9 9
5 6 7 8 9	4.	650 762 880 005 136	661 774 892 017 150	672 785 904 030 163	683 797 917 043 177	694 809 929 056 191	706 820 942 069 205	717 832 954 083 219	728 844 967 096 233	739 856 979 109 247	751 868 992 123 261	11 12 13 13 14	1 2 3 4 5 6 7 8	18 18 13 14 17 17 18 18 21 22 22 23 25 26 26 27 29 80 81 32 34 84 35 36 38 30 40 41
1.80 2 8 4		275 422 578 743 918	290 438 594 760 987	804 453 610 778 955	318 468 627 795 978	338 484 643 812 992	848 499 660 880 *010	363 515 676 847 *029	377 530 693 865 *047	392 546 710 883 *066	407 562 726 900 *085	15 16 17 18 19	1 2 3 4 5 6 7	46 47 48 49 5 5 5 5 0 0 10 10 14 14 14 15 18 10 10 20 23 24 24 25 28 28 20 20 82 83 84 34
5 6 7 8 9	5.	104 802 512 730 974	124 322 534 759 998	143 848 550 782 *028	162 364 578 805 *048	182 884 600 829 *078	202 405 622 858 *099	221 426 644 877 *124	241 448 667 901 *150	261 469 690 925 *176	282 490 713 949 *202	20 22 23 25 26	7 8 9	87 88 38 89 41 42 48 44 50 51 52 53 5 5 5 5 10 10 10 11
I-90 1 2 3	6·	228 499 788 098 480	254 527 818 180 464	281 555 849 163 499	307 584 879 195 584	334 612 910 228 569	361 641 941 261 604	388 670 972 294 640	416 699 *003 328 676	443 729 *034 361 712	471 759 *066 395 748	28 29 32 35 37	1284 567 89	15 15 16 16 20 20 21 21 25 26 20 27 80 81 81 82 85 86 86 87 40 41 42 42 45 46 47 48
5 6 7 8 9		785 166 575 016 489	822 206 618 061 539	859 246 661 108 588	896 286 704 154 639	934 326 748 201 689			*049 449 880 844 843			89 42 46 49 53	1 2 8 4 5 6 7	5 6 6 6 11 11 11 11 10 17 17 17 22 22 22 28 27 28 28 20 32 38 34 34 88 39 39 40
0.00	10.	000	058	107	161	215	270	325	381	487	494	57	8	48 44 45 46 49 50 50 51

No.		0	1	2	3	4	5	6	7	8	9	
0.00	1	0.00	0.05	0.11	0.16	0.22	0.27	0.33	0.38	0.14	0.49	
1		0.55	0.61	0.67	0.72	0.78	0.84	0.90	0.96	1.02	1.08	
2		1.15	1.21	1.27	1.33	1.40	1.46	1.53	1.59	1.66	1.72	-
3	1	1.79	1.86	1.93	1.99	2.06	2.13	2.20	2.27	2.34	2.42	
4		2.49	2.56	2.63	2.71	2.78	2.86	2.93	3.01	3.09	3.17	
5		3.24	3.32	3.40	3.48	3.56	3.65	3.73	3.81	3.90	3.98	
6		4.07	4.15	4.24	4.33		4.50	4.59	4.68	4.77	4.87	
7		4.96		5.15			5·43 6·45	84·4 84·8	5:63 6:66	5.73 6.77	5-83 6-88	
8 9		6.88 2.03	$6.03 \\ 7.10$	$\frac{6\cdot 1\cdot 4}{7\cdot 2\cdot 2}$			7.56	7.68		7.91	8.03	
0.10		8.15	8.27	8.40	8.52	8-65	8.77	8-90	9.03	9-16	9-29	
1.		9.42	9.55	9.69	0.82	9.96				*0.52		
2	2	0.81	0.96	1.10		1.40	1.55	1.71	1.86	2.02	2.17	
3	-	2.33		2.66			3.15	3.32	3.49	8.66	3.83	1
4		4.01		4.36			4.91	5.09	5.28	6.47	5.66	
5		5.85	6.05	6.25	6.44	6.64	6.85	7.05	7.26	7.47	7:08	-
6	ŀ	7.89	8.10	8.32	8.6.4	8.76	8.99	9.21	9.44	9.67	0.90	1
7	8	0.14	0.88	0.62	0.86	1.10	1.35	1.60	1.85	2.11	2.37	-
8	ļ	2.63		3.15			3.97	4.25	4.53	4.81	5-10	
9		5.38	6.68	5.97	6.27	6.57	6.88	7.18	7.50	7.81	8-13	
0.20		8.45	8.77							*1-15		
1.	4	1.86		2.59			3.71	4.09	4.48	4.87	5.27	
2	1	5.67	6.07	6.48			7.73	8-16	8-59	9.03	9.47	
3			*0.37							*3.68		
4	a	4.68	5.18	5.70	6.21	6.74	7.27	7.81	8.8	8-90	9-46	
б	6	0.02	0.59	1.16			2.93	3.54	4-16	4.76	5-39	Ì
6	,,	6.02	6.67	7.81	7.97		9.31			*1.37		١
7 8		2.79					6.20	7.27	8.04	8.83	9-63	-
9		9.09	*0.02	2·08 *0·96			4.63 *8.85	66.6 *4.84	86-8	7·27 +6.85	8 1 8 +7 8 8	
-	1											
0.30	10	8.91	9.97	*1.0.4	*2.12	*3-21	*4·32	*5-44	#6-68	+7-74	*H-9()	
0.30			*00.0							+07.7		
1	1	10.1	11.3	12.5	13.7	15.0	16.2	17.5	18.8		21.6	ļ
2		22.8	24.2	25.6		28.4	20.0	31.3			35 8	
3		37.4	39.0	40.5	42.2	43.8	45-5	47:1	48 8		52 3 71 0	
4		54-1	55.9	57.7	59.6	61.4	63.3	65/3	67-2	69 2	71-2	
5		73.3	75.3	77.4	79.6		83-9	86-2	88-4	90-7	98.0	
6		95.4			*02.7					415-5		
7 8	3	20.5	23.7	26.5	29.3		35-2	38-1	41.2	44.2	47.4	
8		50.5 84.9	53·7 88·6	57·0 92·4	60·3	63·7 *00·2	67·1 *04·9	70·5		77:0 *10:5	81-2 *20-7	
										Tiun	Taury	
0.40	3	25.0	$29 \cdot 4$	33.8	38.3	42.9	47.5	52-2	57.0	61.9	66-8	

ILLULUGS (Anthologs).

# ILLOLOGS (Antilologs). 0.00-0.40

											***************************************		-	,					
D.	1	2	3	4	5	6	7	8	9	D.	1	2	3	4	5	6	7	8	9
11 12 13 14 15	1 1 1 2	2 2 3 3 3	3 4 4 4 5	4 5 5 6 6	6 6 7 7 8	7 7 8 8 9	8 8 9 10 11	9 10 10 11 12	10 11 12 13 14	61 62 63 64 65	6 6 6 7	12 12 13 13	19 19 19	24 25 25 26 26	31 31 32 32 33	37 37 38 38 39	43 43 44 45 46	49 50 50 51 52	55 56 57 58 59
16 17 18 19 20	2 2 2 2 2	3 4 4 4	5 5 6 6	6 7 7 8 8	8 9 9 10 10	10 10 11 11 12	11 12 13 13	13 14 14 15 16	14 15 16 17 18	66 67 68 69 70	7 7 7 7	13 13 14 14 14	$20 \\ 20 \\ 20 \\ 21 \\ 21$	28	33 34 34 35 35	40 40 41 41 42	48 48	53 54 54 55 56	59 60 61 62 63
21 22 23 24 25	2 2 2 3	4 4 5 5 5	6 7 7 7 8	8 9 9 10 10	11 11 12 12 13	13 14 14 14	15 15 16 17 18	17 18 18 19 20	19 20 21 22 23	71 72 73 74 75	7 7 7 7 8	14 14 15 15	$21 \\ 22 \\ 22 \\ 23$	28 29 29 30 30	36 36 37 37 38	43 43 44 44 45	$\begin{array}{c} 51 \\ 52 \end{array}$	57 58 58 59 60	64 65 66 67 68
26 27 28 29 30	3 3 3 3	5 6 6 6	8 8 9 9	10 11 11 12 12	13 14 14 15 15	16 16 17 17 18	18 19 20 20 21	21 22 22 23 24	23 24 25 26 27	76 77 78 79 80	8 8 8 8	15 16 16 16	23 23 23 24 24	30 31 31 32 32	38 39 39 40 40	46 46 47 47 48	53 54 55 55 56	61 62 62 63 64	68 69 70 71 72
31 32 33 34 35	3 3 3 4	6 7 7 7	9 10 10 10 11	12 13 13 14 14	16 16 17 17 18	19 19 20 20 21	22 22 23 24 25	25 26 26 27 28	28 29 30 31 32	81 82 83 84 85	8 8 8 9	16 16 17 17	24 25 25 25 26	32 33 33 34 34	41 42 42 43	49 49 50 50	57 57 58 59 60	65 66 66 67 68	73 74 75 76 77
36 37 38 39 40	4 4 4 4 4	7 7 8 8 8	11 11 11 12 12	14 15 15 16 16	18 19 19 20 20	22 22 23 23 24	25 26 27 27 28	29 30 30 31 32	32 33 34 35 36	86 87 88 89 90	9 9 9 9	17 17 18 18	26 26 26 27 27	34 35 35 36 36			$60 \\ 61 \\ 62 \\ 62 \\ 63$	69 70 70 71 72	77 78 79 80 81
41 42 43 44 45	4 4 4 5	8 9 9	12 13 13 13	16 17 17 18 18	21 21 22 22 23	25 25 26 26 27	29 29 30 31 32	33 34 34 35 36	37 38 39 40 41	91 92 93 94 95	9 9 9 10	18 18 19 19	27 28 28 28 29	36 37 37 38 38	46 46 47 47 48	55 56 56 57	64 64 65 66 67	73 74 74 75 76	82 83 84 85 86
46 47 48 49 50	5 5 5 5	9 10 10 10	14 14 14 15	1.9 1.9	23 24 24 25 25	28 28 29 29 30	34	37 38 38 39 40	41 42 43 44 45	96 97 98 99 100	10 10 10 10	19 19 20 20 20	29 29 29 30 30	38 39 39 40 40	48 49 49 50	58 58 59 59	67 68 69 69 70	77 78 78 79 80	86 87 88 89 90
51 52 53 54 55	5	10 10 11 11 11	16	21 21	27	$\frac{32}{32}$	36 37 38	42 42 43	48 49	101 102 103 104 105	10 10 10	$\frac{21}{21}$	31 31 31	40 41 41 42 42	$\begin{array}{c} 52 \\ 52 \end{array}$	$\frac{61}{62}$	$71 \\ 72 \\ 73$	82 83	$\begin{array}{c} 93 \\ 94 \end{array}$
56 57 58 59 60	6 6	12	17 18	$\frac{23}{23}$	30	34 35 35	40 41 41	46 46 47		106 107 108 109 110	11 11 11	$\frac{21}{22}$	32 32 33	42 43 48 44 44	54 54 55	64 65 65	75 76 76	86 86 87	96 97 98

#### ILLULUGS (Ammongs).

No.	0	1	2	3	4	5	6	7	8	9	D.	P.P.
0·400 1 2 3	3 25·0 20·4 33·8 38·3 42·9	25·4 29·8 34·2 38·8 43·3	25·9 30·2 34·7 39·2 43·8	26·3 30·7 35·1 39·7 44·3	26·7 31·1 35·6 40·1 44·7	27·2 31·6 36·0 40·6 45·2	27.6 32.0 36.5 41.0 45.6	28·0 32·5 36·9 41·5 46·1	28.5 32.9 37.4 41.9 46.6	28.9 33.3 37.8 42.4 47.0	5 5 5 5	4 5
5 6 7 8 9	47.5 52.2 57.0 61.9 66.8	48·0 52·7 57·5 62·4 67·8	48.5 53.2 58.0 62.9 67.8	48.9 53.7 58.5 63.4 68.3	49·4 54·1 59·0 63·9 68·8	49.0 54.6 59.5 64.4 69.4	50·3 55·1 59·9 64·9 69·9	50:8 55:6 60:4 65:4 70:4	51·3 56·1 60·9 65·8 70·9	51·8 56·5 61·4 66·3 71·4	4 5 5 5	1 0 1 2 1 1 3 1 2 4 2 2 5 2 3 0 2 3 7 3 4 8 3 4 9 4 5
0·410 1 2 3 4	71.9 $77.0$ $82.2$ $87.4$ $92.8$	72·4 77·5 82·7 88·0 93·4	72.0 78.0 83.2 88.5 93.9	73·4 78·5 83·7 89·0 94·4	73·9 79·1 84·3 89·6 95·0	74·4 79·6 84·8 90·1 95·5	74-9 80-1 85-3 90-7 96-1	75-4 80-6 85-9 91-2 96-6	76-0 81-1 86-4 91-7 97-2	76.5 81.7 86.9 92.3 97.7	5 5 5 6	
5 6 7 8 9	98·3 4 03·8 09·4 15·1 20·9	98.8 04.3 10.0 15.7 21.5	99.4 04.9 10.5 16.3 22.1	99.9 05.5 11.1 16.9 22.7	*00.5 06.0 11.7 17.4 23.3	*01.0 06.6 12.3 18.0 23.9	*01.6 07.2 12.8 18.6 21.5	*02-1 07-7 13-4 14-2 25-1	*02.7 08.3 14.0 19.8 25.7	*03-2 08-8 14-6 20-3 26-2	6 6 6 6	6 7 1   1 1 2   1 1 8   2 2 4   2 8 6   3   4   7   4   5   8   6   0   5   8   6   0   6
0·420 1 2 3 4	26.8 32.8 38.9 45.1 51.4	27·4 33·5 39·6 45·8 52·1	28·0 34·1 40·2 46·4 52·7	28.6 34.7 40.8 47.0 53.4	29·2 35·3 41·4 47·7 54·0	29.8 35.9 42.0 48.3 54.6	30-4 36-5 42-7 48-9 53-3	31.0 37.1 43.3 49.5 55.9	31-6 37-7 43-9 50-2 56-6	39:2 38:3 44:5 50:8 57:2	6 6 7	0 4 4 7 4 5 8 6 0 9 5 0
5 6 7 8 9	57·9 64·4 71·0 77·7 84·6	58.5 65.0 71.7 78.4 85.2	59·1 65·7 72·3 79·1 85·9	59.8 66.3 78.0 79.8 86.6	60·4 67·0 73·7 80·4 87·3	61·1 67·7 74·8 81·1 88·0	61:7 68:3 75:0 81:8 88:7	62-4 69-0 75-7 82-5 89-4	63-1 69-7 76-4 83-2 90-1	63.7 70.8 77.0 83.0 90.8	77777	8 9
0·430 1. 2 3 4	91.5 98.6 5 05.8 13.1 20.5	92.2 99.3 96.5 13.8 21.3	92·9 *00·0 07·2 14·6 22·0	93.6 *00.7 08.0 15.3 22.8	94·8 *01·5 08·7 16·0 23·5	95·0 *02·2 09·4 16·8 24·3	95.7 *02.9 10.2 17.5 25.0	96.5 *03.6 10.9 18.3 25.8	97-2 +04-3 11-6 19-0 26-6	97:9 *05:1 19:4 19:8 27:3	7778	1 1 1 2 2 8 4 3 4 6 6 6 6 7 6 6 8 7 8
5 6 7 8 9	28·1 35·8 43·0 51·5 59·6	28.8 36.5 44.4 52.3 60.4	20·6 37·3 45·2 53·1 61·3	30·4 38·1 46·0 53·9 62·1	81·1 88·9 46·8 54·8 62·9	81·9 89·7 47·6 55·6 63·7	32:7 40:4 48:3 56:4 64:5	33-4 41-2 49-1 57-2 65-4	84-2 42-0 49-9 58-0 66-2	85-0 42-8 50-7 58-8 67-0	8 8 8	H   6 7 H
0·440 1 2 8 4	67.8 76.2 84.7 93.4 6 02.2	68·7 77·0 85·6 94·2 03·0	69·5 77·9 86·4 95·1 03·9	70·8 78·7 87·8 96·0 04·8	71·2 79·6 88·2 96·9 05·7	72·0 80·4 89·0 97·7 06·6	72.8 81.8 89.9 98.6 07.5	78-7 82-1 90-8 99-5 08-4	74-5 88-0 91-6 *00-4 09-8	75-4 83-8 92-5 +01-3 10-2	8 9 9 9	10 1 1 2 3 8
5 6 7 8 9	11·1 20·2 29·5 88·9 48·5	12·0 21·1 30·4 39·9 49·5	12.9 22.1 31.4 40.8 50.4	13.8 23.0 32.8 41.8 51.4	14·7 23·9 33·2 42·7 52·4	15·6 24·8 34·2 43·7 53·3	16·6 25·7 85·1 44·6 54·8	17·5 26·7 86·1 45·6 55·8	18·4 27·6 37·0 46·6 56·8	19-8 28-5 38-0 47-5 57-2	9 10 9 10	8 8 4 4 5 6 7 7 7 8 9
0.450	58.2	59.2	60.2	61.2	62.2	63.2	64.2	65.2	66.2	67.2	10	

No.		0	1	2	3	4	5	6	7	8	9	D.	P.P.
0.450	-	58·2 68·2	59·2 69·2	60·2 70·2	$61 \cdot 2 \\ 71 \cdot 2$	62·2 72·2	63·2 73·2	64·2 74·2	65·2 75·2	66·2 76·2	67·2 77·2	10 11	
2		78.3	79.3	80.3	81.3	82.3	83.4	84.4	85.4	86.5	87.5	10	
$\begin{array}{c c} 3 \\ 4 \end{array}$		88·5 99·0	89.6 *00.0	90·6 *01·1	91·6 *02·1	92·7 *03·2	$93.7 \\ *04.3$	94·8 *05·3	95·8 *06·4	96·9 *07·5	97·9 *08·5	11	11 12 13
ا ہے ا	7	00.6	707	170	10 D	100	750	101	7770	100	100		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
5 6		09·6 20·4	$10.7 \\ 21.5$	$\begin{array}{c} 11.8 \\ 22.6 \end{array}$	$\begin{array}{c} 12.8 \\ 23.7 \end{array}$	$13.9 \\ 24.8$	$\substack{\textbf{15.0} \\ \textbf{25.9}}$	$\begin{array}{c} 16.1 \\ 27.0 \end{array}$	$17.2 \\ 28.1$	$18.2 \\ 29.2$	$19.3 \\ 30.3$	11   11	4   4 5 5
7		31.4	32.6	33.7	34.8	35.9	37.0	38.1	39.3	40.4	41.5	11	4 4 5 5 5 6 6 7 7 7 8 7 8 8 9
8 9		42.6 $54.0$	43.8 $55.2$	44·9 56·3	46·0 57·5	$\begin{array}{c} 47 \cdot 2 \\ 58 \cdot 7 \end{array}$	$\frac{48.3}{59.8}$	$49.5 \\ 61.0$	$50.6 \\ 62.1$	$\begin{array}{c} 51.7 \\ 63.3 \end{array}$	$52.9 \\ 64.5$	11	7 8 8 9 8 9 10 10
0.400		0 = .0	00.0	60.A	00.0	70.4	71 8	70.7	73.9	77 2. 7	76.3	,,	8 9 10 10 9 10 11 12
0.460		65·6 77·5	66·8 78·7	68·0 79·8	$69.2 \\ 81.1$	$\substack{70\cdot 4\\82\cdot 2}$	71·5 83·4	$72.7 \\ 84.7$	73.9 85.9	75·1 87·1	88.3	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	
2		89.5	90.7	91.9	93.1	94.3	95.6	96.8	98.0	99.3	*00.5	12	14 15 16
3 4	8	$\begin{array}{c} 01.7 \\ 14.2 \end{array}$	03·0 15·4	$\frac{04 \cdot 2}{16 \cdot 7}$	05·4 18·0	$\substack{\textbf{06.7}\\\textbf{19.2}}$	07.9 $20.5$	$09.2 \\ 21.8$	$\begin{array}{c} 10.4 \\ 23.0 \end{array}$	$\begin{array}{c} 11.7 \\ 24.3 \end{array}$	$\substack{12.9 \\ 25.6}$	13 13	
1								210					1   1 2 2 2   3 3 3 3   4 5 5 4   6 6 6
5 6		26.9 39.8	$28.1 \\ 41.1$	29·4 42·4	$\frac{30.7}{43.7}$	$32.0 \\ 45.0$	33·3 46·3	$34.6 \\ 47.6$	35·9 48·9	$\begin{array}{c} 37.2 \\ 50.2 \end{array}$	38.5 51.6	13	4 6 6 6
7		52.9	54.2	55.5	56.9	58.2	59.5	60.9	62.2	63.6	64.9	14	5 7 8 8 6 8 9 10 7 10 11 11
8		66.3	67.6	69.0	70.3	71.7	73.0	74.4	75.8	77.1	78.5	14	2 8 8 8 3 4 5 5 4 6 6 6 5 7 8 8 6 8 9 10 7 10 11 11 8 11 12 13 9 13 14 14
9		79.9	81.3	82.6	84.0	85.4	86.8	88.2	89.5	90.9	92.3	14	8 11 12 13 9 18 14 14
0.470		98.7	95.1	96.5	97.9	99.4	*00.8			*05.0		14	
$egin{array}{c} 1 \ 2 \end{array}$	9	07·8 22·2	09·3 23·7	$\frac{10.7}{25.1}$	$\begin{array}{c} 12\cdot 1 \\ 26\cdot 6 \end{array}$	$\frac{13.6}{28.0}$	$15.0 \\ 29.5$	16·4 31·0	$17.9 \\ 32.4$	19·3 33·9	20·8 35·4	14	17 18 19
3		36.8	38.3	39.8	41.3	42.8	44.3	45.7	$47 \cdot 2$	48.7	$50 \cdot 2$	15	
4		51.7	53.2	54.7	56.2	57.8	59.3	60.8	62.3	63.9	65.4	15	1 2 2 2 2 3 4 4 3 5 5 6 4 7 7 8 5 9 9 10
5		66.9	68.4	70.0	71.5	73.0	74.6	76.1	77.7	79.2	80.8	15	4 7 7 8 5 9 9 10
6		82.3	83.9	85.5	87·0 *02·9	88.6	90.2	91.7	93·3 *09·3	94.9	96·5	16 16	1 () 1 TO TT TT
7 8	10	$98.1 \\ 14.1$	15.7	*01·2	18.9	20.6	22.2	23.8	25.5	27.1	28.8	16	7   12 13 13   8   14 14 15
9		30.4	32.0	33.7	35.4	37.0	38.7	40.3	42.0	43.7	45.3	17	0   15 16 17
0.480		47.0	48.7	50.4	52.1	53.7	55.4	57.1	58.8	60.5	62.2	17	
1		63.9	65.6	67·4 84·6	69·1 86·4	70·8 88·1	72·5 89·9	74·2 91·7	76·0 93·4	77·7 95·2	79·4 96·9	18	20 21 22
2 3		81·2 98·7	82·9 *00·5	*02.3								18	1   2 2 2
4	11	16.6	18.4	20.2	22.0	23.8	25.7	27.5	29.3	31.1	33.0	18	1 2 2 2 2 4 4 4 8 6 6 7 4 8 8 9 5 10 11 11 6 12 13 13 7 14 15 15 8 16 17 18
5		84.8	36.6	38.5	40.3	42.2	44.0	45.9	47.8	49.6	51.5	19	4 8 8 9 5 10 11 11
6		53.4	55.2	57.1	59.0	60.9	62.8	64.7	66.5	68.4		19	0 12 13 13 7 14 15 15
7 8		$\begin{array}{c} 72.8 \\ 91.5 \end{array}$	74·2 93·5	76·1 95·4	78·0 97·4	79·9 99·3	81·8 *01·3	83.8 *03.2	85·7 *05·2	87·6 *07·2	89·6 *09·1	19 20	8 10 17 18 9 18 19 20
Ü	12	11.1	13.1	15.1	17.1	19.1	21.1	23.1	25.1	27.1		20	
0.490		31.1	33.1	35.1	37.2	39.2	41.2	43.3	45.3	47.4	49.4	21	
1		51.5	53.5	55.6	57.7	59.7	61.8	63.9	66.0	68.0	70.1	21	23 24 25
2		$72.2 \\ 93.4$		76·4 97·6		80·6 *01·9	82·7		87·0 <b>*</b> 08·4	89·1		22 22	2 5 5 5
3 4	13	14.9		19.3		28.6	25.8	28.0				22	2 5 5 5 8 7 7 8 4 9 10 10
		900	90.4	41.0	43.5	45.7	48.0	50.2	52.5	54.7	56.9	23	5 12 12 18 6 14 14 15
6		36.8 59.2		41·8 63·7		88.3	70.6	72.8		77.4		23	6 14 14 15 7 10 17 18 8 18 19 20 9 21 22 23
7	1	82.0	84.3	86.6	88.9	91.2	93.6	95.9			*02.9	23	0 21 22 23
8 9	14	05·2 28·9				14·7 38·5	17·0 40·9	19·4 43·3				24 24	
0.500		53.0					65.8					1	
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#### CORRIGENDA.

Page ix, 7 lines from bottom, for 967 read 964.

Page xiii, line 14, for 0.817 read 0.0817.

Page xiii, line 15, for 0.9487 read 0.09487.

Page xvi, line 12, for illog 4:37730 23:8397 W read illog 4:37530 = 23730:1 = W.

Page 154, illog 2499 should read 177787.

Page 180, lolog 0.32 should commence with 1.6 instead of 1.6.

Page 202, Iolog 65.9 should read 0.25981.

Pages 222 to 227, (1) The arguments for minutes on the right-hand side of each page should be one less in each case—thus, 60' should be 59', 59' should be 58', and so on. (2) The arguments for seconds at the bottom of each page should be one more in each case—thus, 59" should be 60", 58" should be 59", and so on. (3) The bottom line of the tabular values on each page, i.e., the line between the arguments 60' and 0', should be deleted. (As the sine of an angle is the cosine of its complement, the log of a cosine may be found, as an alternative, by subtracting the angle from 90°, and finding the log of the sine of the remainder.)

Page 234, log sin 4° 0' should read 2.84358.

Page 240, bottom of page, Tan should be Cot, and Log Tan should be Log Cot.

Page 283, log cot 36" 0' should read 0:13874.

Page 320,  $\log \frac{\pi}{4}$  should read T-89509.

#### RIGONOMETRICAL FUNCTIONS AND THEIR LOGS

OF

# ANGLES FROM 0° TO 90° at Intervals of 1 Minute

ALSO,

LOGS OF SINES OF ANGLES FROM 0° TO 1°

OGS OF COSINES OF ANGLES FROM 89° TO 90° at Intervals of 1 Second

ALSO,

LOGS OF SINES OF ANGLES FROM 1° TO 3°

LOGS OF COSINES OF ANGLES FROM 87° TO 89° at Intervals of 10 Seconds.

M these tables may be found:

Logs of Tangents of angles between 0° and 3°, at intervals of 1 second, by adding the Log of the Sine to the Log of the Secant, which is readily obtained from the main table without interpolation.

Logs of Cotangents of angles between 87° and 90°, at intervals of 1 second, by adding the Log of the Cosine to the Log of the Cosecant, which is readily obtained from the main table without interpolation.

In the main table, the difference for 1 second between two values is printed esite to the one which occupies the upper position on the page. In the table intervals of 10 seconds, the difference for 1 second between two consecutive area is printed between them.

The decimal point of the 'Difference for I Second' does not correspond with decimal point of the tabular value, but must be considered as coming necliately after the last figure of the tabular value. The figures to the right the decimal point of the difference should not be retained after multiplying the desired number of seconds.

In the main table, all the functions and their logs increase downwards; so t proportional parts of the 'co-' functions must be subtracted, and those of other functions added.

In no case is the Log of a function increased by an arbitrary amount, but the ual value is given.

873  \$\overline{A}\cdot 4709 476  \$\overline{A}\cdot 683 6985  \$\overline{A}\cdot 9432 579  \$\overline{B}\cdot 685 570  \$\overline{B}\cdot 685 570  \$\overline{A}\cdot 685 582  \$\overline{A}\cdot 882 \$\overl	6 T-77193 5 T-94565 9 T-94565 9 T-94565 9 T-94565 9 T-94565 9 T-94565 9 T-94565 9 T-9465 9 T-	1.48492 1.77548 1.94803 3.07118 3.16702 3.24548 3.31191 3.36952 3.42037 3.57934 3.61140 3.664126 3.66920 3.74362 3.72020 3.74362 3.78684 3.78688 3.88688 3.89588 3.89588 3.991165	7.49175 7.77900 7.95039 8.07296 8.16845 8.24668 8.31294 8.37042 3.42117 8.50774 8.50764 8.50789 8.61192 8.64174 8.6965 8.7080 8.76620 8.76620 8.78732 8.80746 8.82671 8.82671 8.8282 8.87981 8.89616	4-49849 4-78248 4-7824787 3-16987 3-31396 3-37132 3-42197 3-46733 3-50840 3-54691 3-58044 3-61248 3-64222 3-67010 3-672100 3-74438 3-70656 3-78766 3-82702	4-50512 4-78595 4-95509 3-07651 3-17130 3-24906 3-31498 3-37221 3-42277 3-46805 3-54651 3-58100 3-61294 3-67955 3-67955 3-72140 3-74476 3-78801 3-80812 3-80812 3-8273 3-8273 3-84574 3-86340	4-51165 4-78938 4-95742 3-07827 3-25024 3-31600 3-37310 3-42356 3-42356 3-50970 3-54711 3-58155 3-64318 3-67100 3-72180 3-74514 3-74514	4-79278 4-95973 3-08003 3-17413 3-25142 3-31702 3-42435 3-46948 3-54771 3-68210 3-64366 3-67145 3-67145 3-70704 3-74551 3-76704 3-88877 3-88877 3-84694 3-86397
873  \$\bar{4}\tau{709}\$ 476  \$\bar{4}\tau{7683}\$ 49432  \$\bar{5}\tau{645}\$ 579  \$\bar{3}\tau{645}\$ 579  \$\bar{3}\tau{645}\$ 188  \$\bar{2}\tau{3}\tau{682}\$ 3\tau{682} \$\bar{3}\tau{677}\$ 707  \$\bar{3}\tau{187}\$ 373  \$\bar{4}\tau{644}\$ 3\tau{645}\$ 512  \$\bar{3}\tau{645}\$ 512  \$\bar{3}\tau{645}\$ 512  \$\bar{3}\tau{645}\$ 529  \$\bar{3}\tau{645}\$ 53082  \$\bar{3}\tau{645}\$ 6883  \$\bar{4}\tau{6}	$egin{array}{c} 4.47797 \\ 7.77193 \\ 7.77193 \\ 9.46939 \\ 9.36939 \\ 4.324428 \\ 8.324428 \\ 8.331089 \\ 2.336862 \\ 7.344957 \\ 8.46577 \\ 8.354411 \\ 2.357878 \\ 0.4078 \\ 0.369502 \\ 0.374324 \\ 2.376548 \\ 0.376548 \\ 0.376548 \\ 0.376548 \\ 0.38680 \\ 0.38680 \\ 0.374324 \\ 0.38680 \\ 0.386$	1.48492 1.77548 1.94803 3.07118 3.16702 3.24548 3.31191 3.36952 3.42037 3.57934 3.61140 3.664126 3.66920 3.74362 3.72020 3.74362 3.78684 3.78688 3.88688 3.89588 3.89588 3.991165	7.49175 7.77900 7.95039 8.07296 8.16845 8.24668 8.31294 8.37042 3.42117 8.50774 8.50764 8.50789 8.61192 8.64174 8.6965 8.7080 8.76620 8.76620 8.78732 8.80746 8.82671 8.82671 8.8282 8.87981 8.89616	4-49849 4-78248 4-7824787 3-16987 3-31396 3-37132 3-42197 3-46733 3-50840 3-54691 3-58044 3-61248 3-64222 3-67010 3-672100 3-74438 3-70656 3-78766 3-82702	4-50512 4-78595 4-95509 3-07651 3-17130 3-24906 3-31498 3-37221 3-42277 3-46805 3-54651 3-58100 3-61294 3-67955 3-67955 3-72140 3-74476 3-78801 3-80812 3-80812 3-8273 3-8273 3-84574 3-86340	4-51165 4-78938 4-95742 5-167827 5-17271 5-25024 5-31600 8-37310 8-42856 8-4886 8-48711 8-58155 8-61346 8-67104 8-7714 8-76728 8-74514 8-76728 8-78836 8-82765 8-84604 8-86368	4-51808 4-79278 4-95973 3-08003 3-17413 3-31702 3-31702 3-42435 3-46948 3-51035 3-54771 3-58210 3-64366 3-67145 3-74551 3-74551 3-74551 3-78609 3-80877 3-80877 3-80877 3-80877 3-80877 3-80877 3-80877 3-80877 3-80877
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512 3.5057 291 3.5435 767 3.5782 985 3.6103 982 3.6408 784 3.6683 417 3.6946 900 3.7194 248 3.7428 475 3.7862 615 3.8064 546 3.8257 8878 98870 3.8789 569 3.8953	8 3-50648 1 3-54411 2 3-57878 2 3-57878 0 3-64078 0 3-66875 0 3-71980 0 3-74324 2 3-78548 2 3-78548 2 3-78548 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680 7 3-80680	\$\frac{8}{5}.50709\$ \$\frac{8}{5}.64471\$ \$\frac{8}{5}.7984\$ \$\frac{6}{1140}\$ \$\frac{6}{6}.6920\$ \$\frac{9}{5}.74862\$ \$\frac{9}{5}.74862\$ \$\frac{9}{5}.76584\$ \$\frac{9}{5}.78608\$ \$\frac{9}{5}.80713\$ \$\frac{9}{5}.82639\$ \$\frac{9}{5}.84484\$ \$\frac{9}{5}.87953\$ \$\frac{9}{5}.89589\$ \$\frac{9}{5}.91165\$	3-50774 3-54531 3-57989 3-61192 3-64174 3-66965 3-72060 3-72060 3-74400 3-78732 3-80746 3-82671 3-86282 3-87981 3-89616	3-50840 3-54591 3-58034 3-61243 3-64222 3-67010 3-69630 3-72100 3-74438 3-70656 3-78766 5-80779 3-82702 3-84544 3-86311 3-88009	3.50905 3.54651 3.58100 3.61294 3.64270 3.67055 3.67055 3.67056 3.72140 3.72140 3.734476 3.73692 3.78801 3.88812 3.82733 3.84574 3.86340	3:50970 3:54711 3:54714 3:64318 3:64318 3:67100 3:69714 3:72180 3:74514 3:74514 3:78834 3:88844 3:82765 3:84604 3:86368	3-51035 3-54771 3-58210 3-61397 3-64366 3-67145 3-69757 3-72220 3-74551 3-7869 3-88877 3-88877 3-82796 3-84634 3-86397
784 3-6683 417 3-6946 2048 3-7128 4475 3-7651 504 3-7862 615 3-8064 546 3-8257 8870 3-8780 8870 3-8780	0 3.66875 0 3.60502 0 3.71980 0 3.74324 2 3.76548 9 3.78668 7 3.80680 7 3.82608 4 3.84454 5 3.86224 7 3.87925 5 3.89562 4 3.91140	3-66920 3-69545 3-72020 3-74362 3-76584 3-76584 3-82639 3-82639 3-84484 3-86253 3-87953 3-87953 3-80589 3-91165	3-66965 3-69587 3-72060 3-74400 3-76620 3-78732 3-80746 3-82671 3-84514 3-86282 3-87981 3-89616	3-67010 3-69630 3-72100 3-74438 3-70656 3-8779 3-82702 3-84544 3-86311 3-88009	3:67055 8:69672 3:72140 8:74476 3:76692 3:78801 8:80812 3:82733 3:84574 3:86340	3:67100 3:69714 3:72180 3:74514 3:76728 3:78836 3:80844 3:82765 3:84604 3:86368	3-67145 3-69757 3-72220 3-74551 3-76764 3-78869 3-80877 3-82796 3-84634 3-86397
504 3.7862 615 3.8064 545 3.8257 898 3.8442 166 3.8619 870 3.8789 509 3.8958	9 3.78668 7 3.80680 7 3.82608 4 3.84454 5 3.86224 7 3.87925 5 3.89562 4 3.91140	3.78608 3.80713 3.82639 3.84484 3.86253 3.87953 3.80589 3.91165	3:78732 3:80746 3:82671 3:84514 3:86282 3:87981 3:89616	8-78766 8-80779 8-82702 3-84544 8-86311 8-88009	3·78801 8·80812 3·82733 3·84574 3·86340	3-78835 3-80844 3-82765 3-84604 3-86368	3-78869 3-80877 3-82796 3-84634 3-86397
870 3.8789 509 3.8953	7 3.87925 $5 3.89562$ $4 3.91140$	3-87953 3-89589 3-91165	3.87981 3.89616	8.88009			
612 3.9263		3.92687		8-91217	3.89669 $3.91243$	3.89696	3.91294
084 3.9410 508 3.9553 887 3.9691 228 3.9824 520 3.9954	0 3.96932 5 3.98267	8-95578 8-96955 8-98289	8-95601 8-96977 3-98811	8-95625 3-97000 3-98338	8-95648 8-97022 8-98355	8-94253 8-95671 8-97045 8-98877 8-99669	3.95695 3.97068
779 2-0079 002 2-0202 192 2-0321 850 2-0436 478 2-0549	2 2.02042 2 2.03231 9 2.04388	2.02062 2.03251 2.04407	2.02082 2.03270 2.04426	2.00882 2.02102 2.03290 2.04445 2.05571	2-03123 2-03309 2-04464	2.03329 2.04483	2·02163 2·03348
$\begin{array}{ccc} 678 & 2.0659 \\ 650 & 2.0766 \\ 696 & 2.0871 \\ 718 & 2.0973 \\ 717 & 2.1073 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2.07703 2.08748 2.09769	2·07721 2·08765 2·09786	2.07788 $2.08783$ $2.09802$ $2.10799$	2-07756 2-08800 2-09819 2-10815	2-07773 2-08817 2-09836 2-10882	2-09858 2-10848
$\begin{array}{cccc} 647 & \overline{2} \cdot 1266 \\ 681 & \underline{2} \cdot 1859 \\ 495 & \overline{2} \cdot 1451 \\ 891 & \underline{2} \cdot 1540 \end{array}$	$\begin{array}{c} 6 & \underline{2} \cdot 13612 \\ 0 & \underline{2} \cdot 14525 \\ 6 & \underline{2} \cdot 15420 \end{array}$	2·12694 2·13627 2·14541 2·15435	2·12710 2·13648 2·14556 2·15450	$2 \cdot 12726$ $2 \cdot 13658$ $2 \cdot 14571$	2.12741 $2.13673$ $2.14586$	2-11805 2-12757 2-13689 2-14601 2-15494	2.12778 $2.13704$ $2.14616$
$egin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 2.17171 \\ 2.18013 \\ 2.18839 \\ 2.19650 \end{array}$	2·17185 2·18027 2·18853	2.18041 $2.18867$	2·16355 2·17213 2·18055 2·18880 2·19691	2·17227 2·18069 2·18894	2-16384 2-17241 2-18082 2-18908 2-19717
798 2.1881	2 2.21215	$     \begin{array}{r}       \hline       2 \cdot 21228 \\       \hline       2 \cdot 21996 \\       \hline       2 \cdot 22751     \end{array} $	2.22009 $2.22763$ $2.23505$	2·22022 2·22776 2·23517	2·21267 2·22034 2·22788 2·23529	2·21280 2·22047 2·22801 2·23541	2·20512 2·21293 2·22060 2·22813 2·23554
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 2·22738 8 2·23480			-04946	0.04050	4-94970	294989: -51*
	107 2·2042 189 2·2120	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	310     \$\overline{2}\$-19624     \$\overline{2}\$-19637     \$\overline{2}\$-19650     \$\overline{2}\$-19664     \$\overline{2}\$-19677       407     \$\overline{2}\$-20420     \$\overline{2}\$-20433     \$\overline{2}\$-20446     \$\overline{2}\$-20460     \$\overline{2}\$-20473       8.89     \$\overline{2}\$-21202     \$\overline{2}\$-21215     \$\overline{2}\$-21228     \$\overline{2}\$-21241     \$\overline{2}\$-21254       958     \$\overline{2}\$-21971     \$\overline{2}\$-21983     \$\overline{2}\$-21996     \$\overline{2}\$-22009     \$\overline{2}\$-22022       713     \$\overline{2}\$-22726     \$\overline{2}\$-23880     \$\overline{2}\$-23492     \$\overline{2}\$-23505     \$\overline{2}\$-23517	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

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اُ	10″	11"	12"	13"	14"	15″	16″	17"	18″	19″	E	
	4.53067 $4.79952$ $4.96433$ $3.08351$	$\overline{4}.53683$ $\overline{4}.80285$ $\overline{4}.96661$ $\overline{3}.08525$	$\overline{4.54291}$ $\overline{4.80615}$ $\overline{4.96888}$ $\overline{3.08698}$	$\begin{array}{c} \overline{5}.79952 \\ \overline{4}.54890 \\ \overline{4}.80943 \\ \overline{4}.97113 \\ \overline{3}.08870 \end{array}$	$\overline{4.55481}$ $\overline{4.81268}$ $\overline{4.97338}$ $\overline{3.09041}$	$\frac{4.56064}{4.81591}$ $\frac{4.97561}{3.09211}$	$\frac{4.56639}{4.81911}$ $\frac{4.97783}{3.09381}$	$\begin{array}{c} \overline{5} \cdot 91602 \\ \overline{4} \cdot 57207 \\ \overline{4} \cdot 82230 \\ \overline{4} \cdot 98004 \\ \overline{3} \cdot 09551 \end{array}$	$\overline{4}.57767$ $\overline{4}.82545$ $\overline{4}.98224$ $\overline{3}.09719$	$\overline{4}.58320$ $\overline{4}.82859$ $\overline{4}.98443$ $\overline{3}.09887$	- <del>80</del> 59 58 57 56	59 58 57 56 55
	$ \frac{3.25378}{3.31904} $ $ \frac{3.37577}{3.42594} $	$\frac{3.25495}{3.32005}$ $\frac{3.37666}{3.42673}$	$\begin{array}{c} \overline{3} \cdot 25612 \\ \overline{3} \cdot 32106 \\ \overline{3} \cdot 37754 \\ \overline{3} \cdot 42751 \end{array}$	$     \begin{array}{r}       \hline       3.18112 \\       \hline       3.25728 \\       \hline       3.32206 \\       \hline       3.37842 \\       \hline       3.42830 \\       \hline       \end{array} $	$\frac{3.25845}{3.32306}$ $\frac{3.37930}{3.42908}$	$     \begin{array}{r}       \hline       3 \cdot 25961 \\       \hline       3 \cdot 32406 \\       \hline       3 \cdot 38018 \\       \hline       3 \cdot 42987     \end{array} $	$ \frac{3.26076}{3.32506} $ $ \frac{3.32506}{3.38106} $ $ \frac{3.43065}{3.43065} $	$     \begin{array}{c}       \hline       3 \cdot 18663 \\       \hline       3 \cdot 26192 \\       \hline       3 \cdot 32606 \\       \hline       3 \cdot 38193 \\       \hline       3 \cdot 43143 \\       \hline     \end{array} $	$ \frac{3.26307}{3.32705} $ $ \frac{3.32705}{3.38280} $ $ \frac{3.43221}{3.43221} $	$ \frac{3}{3} \cdot 26421 $ $ \frac{3}{3} \cdot 32804 $ $ \frac{3}{3} \cdot 38367 $ $ \frac{3}{3} \cdot 43299 $	55 54 53 52 51	50
	$     \begin{array}{r}       \hline       3.51165 \\       \hline       3.54890 \\       \hline       3.58820 \\       \hline       3.61499 \\    \end{array} $	3.51230 3.54949 3.58375 3.61550	$\frac{3.51294}{3.55009}$ $\frac{3.58430}{3.61601}$	3.47303 3.51359 3.55068 3.58485 3.61652	$     \begin{array}{r}       \hline       3.51423 \\       \hline       3.55127 \\       \hline       3.58539 \\       \hline       3.61703 \\     \end{array} $	$     \begin{array}{r}       \hline       3.51488 \\       \hline       3.55186 \\       \hline       3.58594 \\       \hline       3.61754 \\     \end{array} $	$ \frac{3.51552}{3.55245} $ $ \frac{3.58649}{3.61805} $	$ \frac{3}{3} \cdot 47586 $ $ \frac{3}{3} \cdot 51616 $ $ \frac{3}{5} \cdot 55304 $ $ \frac{3}{5} \cdot 58703 $ $ \frac{3}{5} \cdot 61855 $	$\frac{3.51680}{3.55363}$ $\frac{3.55758}{3.61906}$	$ \frac{3.51744}{3.55422} $ $ \frac{3.55422}{3.58812} $ $ \frac{3.61957}{3.61957} $	50 49 48 47 46	45
	$ \frac{3.67235}{3.69841} $ $ \frac{3.72300}{3.74627} $	$ \frac{3.67279}{3.69883} $ $ \frac{3.72340}{3.74665} $	3.67324 3.69925 3.72380 3.74703	3.64604 3.67369 3.69967 3.72419 8.74740	$\frac{3.67413}{3.70009}$ $\frac{3.72459}{3.74778}$	$ \frac{3.67458}{3.70051} $ $ \frac{3.72499}{3.74815} $	$\begin{array}{c} \overline{3} \cdot 67502 \\ \overline{3} \cdot 70093 \\ \overline{3} \cdot 72538 \\ \overline{3} \cdot 74853 \end{array}$	$ \frac{3}{8} \cdot 64794 $ $ \frac{3}{8} \cdot 67547 $ $ \frac{3}{8} \cdot 70135 $ $ \frac{3}{8} \cdot 72578 $ $ \frac{3}{8} \cdot 74891 $	$ \frac{3.67591}{3.70177} $ $ \frac{3.72618}{3.74928} $	$\frac{3.67636}{3.70219}$ $\frac{3.72657}{3.74966}$	45 44 43 42 41	40
	3.78938 3.80942 3.82859 3.84694	3.78972 $3.80975$ $3.82890$ $3.84724$	3.79006 3.81008 3.82921 3.84754	3.76943 3.79040 3.81040 3.82952 3.84784	3.79074 3.81073 3.82983 3.84814	3.79108 3.81105 3.83015 3.84843	$\frac{3.79142}{3.81138}$ $\frac{3.83046}{3.84873}$	$     \begin{array}{r}       \hline       3.77086 \\       \hline       3.79176 \\       \hline       3.81170 \\       \hline       3.83077 \\       \hline       3.84903 \\     \end{array} $	$\frac{3.79210}{3.81203}$ $\frac{3.81203}{3.83108}$ $\frac{3.84933}{3.84933}$	$\frac{3}{3}$ .79244 $\frac{3}{3}$ .81235 $\frac{3}{3}$ .88139 $\frac{3}{3}$ .84963	40 39 38 37 36	35
	$     \begin{array}{r}       3.88147 \\       3.89776 \\       \hline       3.91846 \\       \hline       3.92861     \end{array} $	$\frac{3.88175}{3.89802}$ $\frac{3.91371}{3.92886}$	3.88202 3.89829 3.91397 3.92910	3.86541 3.88230 3.89856 3.91423 3.92935	3.88258 3.89882 3.91448 3.92960	3.88285 3.89909 3.91474 3.92985	3.88313 3.89935 3.91500 3.93009	$ \frac{3}{3} \cdot 86656 $ $ \frac{3}{5} \cdot 88340 $ $ \frac{3}{5} \cdot 89962 $ $ \frac{3}{5} \cdot 91525 $ $ \frac{3}{5} \cdot 93034 $	$\frac{3.88368}{3.89988}$ $\frac{3.91551}{3.93059}$	$\frac{3}{8} \cdot 88395$ $\frac{3}{8} \cdot 90015$ $\frac{3}{8} \cdot 91576$ $\frac{3}{8} \cdot 93084$	35 34 33 32 31	30
	3.95741 3.97113 3.98442	3.95764 8.97135 3.98464	3.05787 8.97158 3.98486	$     \begin{array}{r}       \hline       8.94397 \\       \hline       8.95811 \\       \hline       8.97180 \\       \hline       3.98508 \\       \hline       3.99796 \\     \end{array} $	3.95834 3.97202 3.98529	3.95857 3.97225 3.98551 3.99838	$\frac{3.95880}{3.97247}$ $\frac{3.98573}{3.9859}$	$\begin{array}{c} \hline 3.94492 \\ \hline 3.95903 \\ \hline 3.97270 \\ \hline 3.98595 \\ \hline 3.99880 \\ \end{array}$	$\frac{3.95926}{3.97292}$ $\frac{3.97292}{3.98616}$ $\frac{3.99901}{3.99901}$	$ \frac{3.95950}{3.97315} $ $ \frac{3.98638}{3.99922} $	30 29 28 27 26	25
	2.02203 2.03387 2.04540	2.02223 $2.03407$ $2.04559$	2.02243 $2.03426$ $2.04578$	2.01047 $2.02263$ $2.03446$ $2.04507$ $2.05719$	2·02283 2·03465 2·04616	2.02303 $2.03484$ $2.04635$	2.02323 $2.03504$ $2.04654$	$\begin{array}{c} \hline{2.01129} \\ \hline{2.02343} \\ \hline{2.03523} \\ \hline{2.04673} \\ \hline{2.05792} \end{array}$	$     \begin{array}{r}             \hline{2.02362} \\             \hline{2.03543} \\             \hline{2.04692}     \end{array} $	$\frac{2.02382}{2.03562}$ $\frac{2.04710}{2.04710}$	25 24 23 22 21	20
	2.07826 2.08868 2.09886	2.07844 2.08886 2.09903	2.07861 2.08903 2.09920	2.06812 2.07879 2.08920 2.09937 2.10930	2.07896 2.08937 2.09953	2·07914 2·08954 2·09970	$\frac{2.07932}{2.08971}$ $\frac{2.09987}{2.09987}$	$\begin{array}{c} \hline{2.06884} \\ \hline{2.07949} \\ \hline{2.08988} \\ \hline{2.10004} \\ \hline{2.10995} \end{array}$	$\frac{2.07967}{2.09006}$ $\frac{2.10020}{2.10020}$	$\frac{2.07984}{2.09023}$ $\frac{2.10037}{2.10037}$	20 19 18 17 16	15
	2.11853 $2.12804$ $2.13735$ $2.14646$	2·11869 2·12820 2·13750 2·14661	2.11885 $2.12886$ $2.13765$ $2.14676$	2·11901 2·12851 2·13781 2·14691 2·15582	2.11917 $2.12867$ $2.13796$ $2.14706$	2.11933 $2.12882$ $2.13811$ $2.14721$	$ \frac{2.11949}{2.12898} $ $ \frac{2.13827}{2.14736} $	$     \begin{array}{r}       \hline       2.11965 \\       \hline       2.12914 \\       \hline       2.13842 \\       \hline       2.14751 \\       \hline       2.15641     \end{array} $	$ \frac{2.11981}{2.12929} $ $ \frac{2.13857}{2.14766} $	2.11997 $2.12945$ $2.13873$ $2.14781$	15 14 13 12 11	10
	2.16413 $2.17270$ $2.18110$ $2.18935$	2·16427 2·17284 2·18124 2·18948	2·16441 2·17298 2·18138 2·18962	2·16456 2·17812 2·18152 2·18976 2·19784	2.16470 $2.17826$ $2.18166$ $2.18989$	2·16485 2·17840 2·18180 2·19003	$ \frac{2.16499}{2.17355} $ $ \frac{2.18193}{2.19016} $	2·16513 2·16513 2·17369 2·18207 2·19030 2·19837	$\begin{array}{c} \overline{2}.16528 \\ \overline{2}.17383 \\ \overline{2}.18221 \\ \overline{2}.19044 \end{array}$	$     \begin{array}{r}         \overline{2} \cdot 16542 \\         \overline{2} \cdot 17397 \\         \overline{2} \cdot 18235 \\         \overline{2} \cdot 19057     \end{array} $	10 9 8 7 6	5
	2.20538 $2.21319$ $2.22085$ $2.22838$	2·20552 2·21331 2·22098 2·22850	2.20565 $2.21344$ $2.22110$ $2.22863$	2.20578 $2.21357$ $2.22123$ $2.22875$	2.20591 $2.21370$ $2.22136$ $2.22888$	2.20604 $2.21383$ $2.22148$ $2.22900$	$\begin{array}{c} \overline{2} \cdot 20617 \\ \overline{2} \cdot 21396 \\ \overline{2} \cdot 22161 \\ \overline{2} \cdot 22913 \end{array}$	$\begin{array}{c} \overline{2} \cdot 20630 \\ \overline{2} \cdot 21409 \\ \overline{2} \cdot 22173 \\ \overline{2} \cdot 22925 \end{array}$	$\begin{array}{c} \underline{2} \cdot 20643 \\ \underline{2} \cdot 21422 \\ \underline{2} \cdot 22186 \\ \underline{2} \cdot 22987 \end{array}$	2.20656 $2.21434$ $2.22199$ $2.22950$	5 4 3 2	431
				2·23615 <del>U-21812</del>	2·23627 <b>2·24354</b>			2·23664 <b>3·24890</b>			0	0
	49"	48′′-	-47"	46"-	-45"	-44"	<del>-43"</del> -	-42"	-414	-4 <del>0</del> //-	,	
•	50"	49"	48"]	LOGS	OF	COSI	NES.	43"	42"	41" 8	89°	

LOGS OF COSINES. 5 47" 46" 45" 44" 223

10   S-47797   3-47807   3-47807   3-47808   3-51909   3-52003   3-52190   3-52253   3-52316   3-52319   3-52303   3-52190   3-52253   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52316   3-52307   3-52808   3-56108   3-52118   3-56203   3-523516   3-56230   3-523516   3-56231   3-562	J					JGS '		11112				į
1 7.58866	,	20″	21"	22"	23"	24"						1
6	1 2 3	4.58866 $4.83170$ $4.98660$	$\overline{4.59406}$ $\overline{4.83479}$ $\overline{4.98877}$ $\overline{3.10222}$	$\overline{4.59939}$ $\overline{4.83786}$ $\overline{4.99093}$ $\overline{3.10388}$	4.60465 $4.84091$ $4.99307$ $3.10553$	4.60985 4.84394 4.99520 3.10718	4.61499 $4.84694$ $4.99733$ $3.10882$	4-62007 4-84993 4-99944 3-11046	4.62509 4.85289 3.00155 3.11209	4.63006 4.85584 3.00364 3.11371	4.63496 4.85876 3.00572 3.11533	5 5 5 5 6
17	6 7 8	$     \begin{array}{r}       \hline       3.26536 \\       \hline       3.32903 \\       \hline       3.38454 \\       \hline       3.43376 \\    \end{array} $	$\frac{3.26650}{3.33001}$ $\frac{3.38541}{3.43454}$	$\frac{3.26764}{3.33100}$ $\frac{3.38628}{3.43531}$	3.26877 3.33198 3.38714 3.43608	\$\cdot 26991 \$\cdot 333296 \$\cdot 38800 \$\cdot 43685	3·27104 3·33393 3·38887 3·43762	3-27216 3-33491 3-38972 3-43839	3·27329 3·33588 3·39058 3·43916	3·27441 3·33685 3·39144 3·43992	3·27552 3·33782 3·39229 3·44069	51 51 51 51
\$\begin{array}{c} 3ar	$\begin{array}{c} 11 \\ 12 \\ 13 \end{array}$	$     \begin{array}{r}       \hline       3.51808 \\       \hline       3.55481 \\       \hline       3.58866 \\       \hline       3.62007 \\     \end{array} $	$ \frac{3.51872}{3.55539} $ $ \frac{3.58921}{3.62058} $	3.51936 3.55598 3.58975 3.62108	3.51099 3.55656 3.59029 3.62158	3.52063 3.55715 3.59083 3.62209	3.52126 3.55773 3.59137 3.62259	3-52190 3-55831 3-59191 3-62309	3-52253 3-55889 3-59245 3-62359	3-52316 3-55948 3-59299 3-62409	3.52379 3.56006 3.59352 3.62459	5( 48 48 47 46
370278   370372   370346   370346   370346   370448   370448   370416   370516   370516   381505   381302   381302   381302   381305   381307   382302   383263   383263   383263   383263   383366   38337   38347	16 17 18 19	$     \begin{array}{r}       \hline       3.67680 \\       \hline       3.70261 \\       \hline       3.72697 \\       \hline       3.75003 \\     \end{array} $	$     \begin{array}{r}       \hline       3.67724 \\       \hline       3.70302 \\       \hline       3.72736 \\       \hline       3.75040 \\     \end{array} $	3.67768 3.70344 3.72775 3.75078	3.67813 3.70386 3.72815 3.75115	8.67857 8.70427 8.72854 3.75158	3.67901 3.70469 8.72894 8.75190	3·67945 3·70510 3·72933 3·75227	3-67989 3-70552 3-72972 3-75264	3.68033 3.70593 3.73011 3.75302	8.68077 8.70635 3.73050 3.75339	46 44 48 42 41
26	21 22 23 24	3.70278 3.81268 3.83170 3.84902	3.79312 3.81300 3.83201 3.85022	3.79346 3.81332 3.83232 3.85052	3-79380 3-81365 3-83263 3-85082	3·79414 3·81397 3·83294 3·85111	3-70448 3-81429 3-83825 3-85141	3:79481 3:81462 8:83356 3:85171	3·79515 3·81494 3·83387 3·85200	3-79549 3-81526 3-83417 3-85230	3.79582 3.81558 3.83448 3.85259	39 38 37 36
3   3.05978   3.95996   3.90019   3.90042   3.90065   3.90088   3.90111   3.90134   3.90157   3.97357   3.97359   3.97359   3.97359   3.97358   3.97408   3.97408   3.97471   3.97439   3.97439   3.97438   3.97858   3.98858   3.98858   3.98858   3.98858   3.98868   3.99938   3.99965   3.99868   2.00007   2.00028   2.00040   2.00007   2.00001   2.00112   2.00138   2.00190   2.02121   2.01231   2.01252   2.01272   2.01293   2.01313   2.01333   2.01354   2.01373   2.03581   2.03601   2.03602   2.03640   2.03659   2.03678   2.03581   2.03601   2.03602   2.03640   2.03659   2.03678   2.03581   2.03601   2.03602   2.03640   2.03659   2.03678   2.03571   2.04738   2.04738   2.04738   2.04738   2.04738   2.04844   2.04843   2.04861   2.04880   2.03717   2.04738   2.04849   2.05988   2.05976   2.04848   2.05988   2.05968   2.05978   2.05988   2.05988   2.05988   2.05988   2.05988   2.05991   2.06888   2.05968   2.05978   2.05898   2.05988   2.05988   2.06904   2.06902   2.07010   2.07028   2.07048   2.05998   2.05011   2.08037   2.08037   2.08037   2.08039   2.08047   2.08039   2.08047   2.08039   2.08047	26 27 28 29	8.88423 $8.90041$ $3.91602$ $3.93108$	3.88450 3.90068 3.91627 3.93133	\$\\\ 8.8478 \$\\\\ 9.90994 \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3-88505 3-90121 3-91678 3-93182	3.88533 3.90147 3.91704 3.93207	3-88560 3-90174 3-91729 3-93231	8-88587 8-90200 8-91755 3-93256	3-88615 3-90226 3-91780 3-93281	3-88642 3-90253 3-91806 3-93305	3.88669 3.90279 3.91831 3.93330	35 84 83 82 31
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	31 32 33	3.05078 8.97337 8.98660 3.99043	\$\.05006 \$\.07350 \$\.08682 \$\.09065	8-96019 8-97382 8-98708 8-99986	8.96042 8.97404 8.98725 2.00007	3-96065 3-97426 3-98747 2-00028	3-96088 3-97449 8-98768 2-00049	3-96111 3-97471 3-98790 2-00070	8-96134 8-97493 3-98812 2-00091	3-96157 3-97516 3-98833 2-00112	3.96180 3.97538 3.98855 2.00133	20 28 27 20
41	86 87 88	$     \begin{array}{r}             \hline             2.02402 \\             \hline             2.03581 \\             \underline{2}.04729     \end{array} $	2·02422 2·03001 2·04748	2.02442 2.03620 2.04767	2.02462 2.03640 2.04786	2-02482 2-03659 2-04805	2-02502 2-03678 2-04824 2-05940	2-02522 2-03698 2-04843 2-05958	2 02542 2 03717 2 04861 2 05976	2-02561 2-03736 2-04880 2-05005	2.02581 2.03756 2.04899	25 24 23 22 21
46 2:12061 2:12976 2:12992 2:13007 2:13028 2:13054 2:13070 2:13085 2:1810 47 2:13888 2:13903 2:13919 2:13934 2:13949 2:13964 2:13960 2:13995 2:14016 2:1402 48 2:14796 2:14811 2:14826 2:14841 2:14856 2:14871 2:14866 2:14901 2:14916 2:1498 49 2:15685 2:15700 2:15714 2:15729 2:15744 2:15758 2:15773 2:15788 2:15802 2:1581 50 2:16557 2:16671 2:16585 2:16600 2:16614 2:16628 2:16643 2:16657 2:16672 2:1668 51 2:17411 2:17425 2:17439 2:17453 2:17467 2:17481 2:17495 2:17510 2:17524 2:1753 52 2:18249 2:18263 2:18276 2:18290 2:18304 2:18318 2:18382 2:18345 2:18359 2:1837 53 2:19071 2:19084 2:19908 2:19111 2:19125 2:19139 2:19152 2:19166 2:19179 2:1919 54 2:19877 2:19891 2:19904 2:19917 2:19931 2:19162 2:19162 2:19179 2:1918 55 2:20669 2:20682 2:20696 2:20709 2:20722 2:20735 2:20748 2:20761 2:20774 2:2078 56 2:21447 2:21460 2:21478 2:21480 2:21499 2:21511 2:21524 2:1537 2:21550 2:2156 57 2:22211 2:22224 2:2237 2:22399 2:23012 2:2374 2:2387 2:23804 2:2301 2:2307 59 3:28700 2:28713 2:28725 2:23787 2:23749 2:23761 2:23778 2:24786 2:23798 2:28816 2:24480	41 42 43	2.08002 2.09040 2.10054	2.08019 $2.09057$ $2.10070$	2.08037 2.09074 2.10087	2·08054 2·09091 2·10104	2·08072 2·09108 2·10120	2-08089 2-09125 2-10137 2-11126	2.08107 2.09142 2.10164 2.11142	$\begin{array}{c} 2.08124 \\ 2.09159 \\ 2.10170 \\ 2.11159 \end{array}$	2:08141 2:09176 2:10187 2:11175	2·07099 2·08159 2·09198 2·10204 2·11191	19 18 17 16
51     \$\frac{2}{17411}\$ \$\frac{2}{2}\$ \$\frac{17489}{2}\$ \$\frac{2}{2}\$ \$\frac{17489}{2}\$ \$\frac{2}{2}\$ \$\frac{17481}{2}\$ \$\frac{2}{2}\$ \$\frac{17485}{2}\$ \$\frac{2}{2}\$ \$\frac{17485}{2}\$ \$\frac{2}{2}\$ \$\frac{17481}{2}\$ \$\frac{2}{2}\$ \$\frac{17485}{2}\$ \$\frac{2}{2}\$ \$\frac{17510}{2}\$ \$\frac{2}{2}\$ \$\frac{17524}{2}\$ \$\frac{2}{2}\$ \$\frac{1752}{2}\$ \$\	46 47 48	2.12961 $2.13888$ $2.14796$	2·12976 2·13903 2·14811	2·12992 2·13919 2·14826	2-13007 2-13934 2-14841	2-13023 2-13949 2-14856	2-18089 2-18964 2-14871	2-13054 2-13980 2-14886	$\begin{array}{c} 2 & 13070 \\ 2 & 13995 \\ 2 & 14901 \end{array}$	2-13085 2-14010 2-14016	2.14025	14 18 12 11
56     \$\frac{3}{2}\$.21447     \$\frac{2}{2}\$.21460     \$\frac{3}{2}\$.21478     \$\frac{3}{2}\$.21499     \$\frac{2}{2}\$.21511     \$\frac{2}{2}\$.21587     \$\frac{2}{2}\$.21560     \$\frac{2}{2}\$.22560     \$\frac{2}{2}\$.22560     \$\frac{2}{2}\$.22560     \$\frac{2}{2}\$.22601     \$\frac{2}{2}\$.23601     \$\frac{2}{2}\$.23601     \$\frac{2}{2}\$.23601     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23760     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23760     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23760     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23778     \$\frac{2}{2}\$.23778	51 52 53 54	2.17411 $2.18249$ $2.19071$ $2.19877$	$ \frac{2.17425}{2.18263} $ $ \frac{2.19084}{2.19891} $	2·17439 2·18276 2·19098 2·19904	$ \begin{array}{c} 2.17458 \\ 2.18290 \\ 2.19111 \\ 2.19917 \end{array} $	2·17467 2·18304 2·19125 2·19931	2-17481 2-18318 2-19139	2.17495 $2.18332$ $2.19152$	2 17510 2-18345 2-19166	2-17524 2-18359 2-19179	2·17538 2·18378 2·19198	10 9 8 7
<del>99" 86" 87" 86" 85" 94" 93" 82" 31" 30"</del>	56 57 58 59	2·21447 2·22211 2·22962 2·28700	2·21460 2·22224 2·22075 2·28713	2·21478 2·22287 2·22987 2·23725	2·21486 2·22240 2·22999 2·23787	2·21499 2·22262 2·23012 2·23749	2·21511 2·22274 2·23024 2·23761	2:21524 2:22287 2:28037 2:28778	2 21537 2 22300 2 23049 2 23786	2:21550 2:22312 2:23061 2:23798	2·22325 2·23074 2·23810	8 2 1
	60	COMPRESSOR CONTRACTOR OF THE PERSON NAMED IN CONTRACTOR OF THE PERSON NAME	*****	www.need.restrictor.ecuation.yua.a	<del>CENTRALISMENT AND AND TO THE OWN</del>	en elektris ikini (2000) terlebakan	antidentalistic and appropriate to	Mary Colors - Helphy 11, may reposit	elimentelle om 1000 men mettelle	torquisioner : : - tron : malabates	NOTIFICATION OF THE PROPERTY O	-
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0 1 2 3 4	$\frac{\overline{4} \cdot 63982}{\overline{4} \cdot 86167}$ $\frac{\overline{3} \cdot 00779}{\overline{3} \cdot 11694}$	$\overline{4} \cdot 64462$ $\overline{4} \cdot 86455$ $\overline{3} \cdot 00986$ $\overline{3} \cdot 11854$	$\frac{\overline{4} \cdot 64936}{\overline{4} \cdot 86742}$ $\frac{\overline{3} \cdot 01191}{\overline{3} \cdot 12014}$	4.20409 $4.65406$ $4.87027$ $3.01395$ $3.12174$	$\frac{\overline{4} \cdot 65870}{\underline{4} \cdot 87310}$ $\frac{\overline{3} \cdot 01599}{\overline{3} \cdot 12333}$	$\frac{4.66330}{4.87591}$ $\frac{3.01801}{3.12491}$	$\overline{4} \cdot 24188$ $\overline{4} \cdot 66785$ $\overline{4} \cdot 87870$ $\overline{3} \cdot 02003$ $\overline{3} \cdot 12648$	$\frac{4.67235}{4.88147}$ $\frac{3.02203}{3.02203}$	$\frac{\overline{4} \cdot 67680}{\underline{4} \cdot 88423}$ $\underline{\overline{3} \cdot 02403}$	$\frac{4.68121}{4.88697}$ $\frac{3.02602}{602}$	6 <del>0</del> 59 58 57 56	59 59 50 50
5 6 7 8 9	$ \frac{3.27664}{3.33879} $ $ \frac{3.33879}{3.39314} $ $ \frac{3.44145}{3.44145} $	$ \frac{3.27775}{3.33975} $ $ \frac{3.33975}{3.39400} $ $ \frac{3.44221}{3.44221} $	$\frac{3.27886}{3.34071}$ $\frac{3.39484}{3.44297}$	$ \frac{3}{5} \cdot 20802 $ $ \frac{3}{5} \cdot 27997 $ $ \frac{3}{5} \cdot 34167 $ $ \frac{3}{5} \cdot 39569 $ $ \frac{3}{5} \cdot 44373 $	$\frac{3}{3}$ \cdot 28107 $\frac{3}{3}$ \cdot 34263 $\frac{3}{3}$ \cdot 39654 $\frac{3}{3}$ \cdot 44449	$ \frac{3}{3} \cdot 28217 $ $ \frac{3}{3} \cdot 34359 $ $ \frac{3}{3} \cdot 39738 $ $ \frac{3}{3} \cdot 44524 $	$ \frac{3}{3} \cdot 21191 $ $ \frac{3}{3} \cdot 28327 $ $ \frac{3}{3} \cdot 34454 $ $ \frac{3}{3} \cdot 39822 $ $ \frac{3}{3} \cdot 44600 $	$\frac{3.28437}{3.34549}$ $\frac{3.39906}{3.44675}$	$\frac{3}{3} \cdot 28546$ $\frac{3}{3} \cdot 34644$ $\frac{3}{3} \cdot 39990$ $\frac{3}{3} \cdot 44750$	$ \frac{3.28655}{3.34739} $ $ \frac{3.40074}{3.44825} $	55 54 53 52 51	5
10 11 12 13 14	$     \begin{array}{r}       \hline       3.52442 \\       \hline       3.56064 \\       \hline       3.59406 \\       \hline       3.62509 \\    \end{array} $	3.52505 3.56121 3.59459 3.62559	$     \begin{array}{r}       3.52568 \\       \hline       3.56179 \\       \hline       3.59513 \\       \hline       3.62609 \\     \end{array} $	$     \begin{array}{r}       \hline       3.48698 \\       \hline       3.52631 \\       \hline       3.56237 \\       \hline       3.59566 \\       \hline       3.62659 \\     \end{array} $	$ \frac{3.52693}{8.56295} $ $ \frac{3.596295}{3.62708} $	$ \frac{3}{3} \cdot 52756 $ $ \frac{3}{5} \cdot 56352 $ $ \frac{3}{5} \cdot 59673 $ $ \frac{3}{5} \cdot 62758 $	$\begin{array}{c} \overline{3} \cdot 48903 \\ \overline{3} \cdot 52818 \\ \overline{3} \cdot 56410 \\ \overline{3} \cdot 59726 \\ \overline{3} \cdot 62808 \end{array}$	$\frac{3.52881}{3.56467}$ $\frac{3.56467}{3.59780}$	$\frac{3.52943}{3.56524}$ $\frac{3.59833}{3.59833}$	$\frac{3.53005}{3.56582}$ $\frac{3.59886}{3.59886}$	50 49 48 47 46	43
15 16 17 18 19	$\frac{3.68121}{3.70676}$ $\frac{3.78090}{3.78090}$	$\frac{3.68165}{3.70718}$ $\frac{3.73129}{3.73129}$	3.68208 3.70759 3.73168	3.65546 3.68252 3.70800 3.73207 3.75487	$\frac{3.68296}{8.70841}$ $\frac{3.73246}{3.73246}$	$\frac{3.68340}{3.70883}$ $\frac{3.73285}{3.73285}$	$\begin{array}{c} {\bf \overline{3} \cdot 65685} \\ {\bf \overline{3} \cdot 68383} \\ {\bf \overline{3} \cdot 70924} \\ {\bf \overline{3} \cdot 73324} \\ {\bf \overline{3} \cdot 75598} \end{array}$	$\frac{3.68427}{3.70965}$ $\frac{3.73363}{3.73363}$	$\frac{3.68470}{3.71006}$ $\frac{3.73401}{3.73401}$	$\frac{3.68514}{3.71047}$ $\frac{3.73440}{3.73440}$	45 44 43 42 41	40
20 21 22 23 24	3.79616 3.81591 3.83479	3.79650 3.81623 3.83510	\$\frac{8}{3}\frac{9683}{81655} \$\frac{3}{83541}	3.77654 3.79717 3.81687 3.83571 3.85377	3.79751 3.81719 3.83602	$   \begin{array}{ccc}                                   $	$ \frac{3}{3} \cdot 77759 $ $ \frac{3}{3} \cdot 79818 $ $ \frac{3}{5} \cdot 81783 $ $ \frac{3}{5} \cdot 83663 $ $ \frac{3}{5} \cdot 85466 $	$\frac{3.79851}{3.81815}$ $\frac{3.83694}{3.83694}$	$\frac{3.79885}{3.81847}$ $\frac{3.83725}{3.83725}$	$\frac{3.79918}{3.81879}$ $\frac{3.83755}{3.83755}$	40 39 38 37 36	33
25 26 27 28 29	3.88697 8.90305 3.91857	3.88724 3.90332 3.91882	3.88751 3.90358 3.91907	3.87111 3.88779 3.90384 3.91933 3.93428	$\frac{3.88806}{3.90411}$	$   \begin{array}{ccc}                                   $	$ \frac{3.87196}{3.88860} $ $ \frac{3.90463}{3.92009} $ $ \frac{3.92009}{3.93501} $	$\frac{3}{3}$ .88888 $\frac{3}{3}$ .90489 $\frac{3}{3}$ .92034 $\frac{3}{3}$ .93526	$\frac{3.88915}{3.90515}$ $\frac{3.92059}{3.93550}$	$ \frac{3}{8} \cdot 88942 $ $ \frac{3}{9} \cdot 90542 $ $ \frac{3}{9} \cdot 92085 $ $ \frac{3}{9} \cdot 93575 $	35 34 33 32 31	30
30 31 32 33 34	3.96203 3.97560 3.98876	3.96226 3.97583 3.98898	3.96249 3.97605 3.98920	$egin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 3.96295 \\ \hline 3.97649 \\ \hline 3.98963 \end{array}$	$ \begin{array}{ccc} \overline{3} \cdot 96318 \\ \overline{3} \cdot 97672 \\ \overline{3} \cdot 98984 \end{array} $	$     \begin{array}{r}       \hline       3.94944 \\       \hline       3.96341 \\       \hline       3.97694 \\       \hline       3.99006 \\       \hline       2.00279     \end{array} $	$\frac{3.96364}{3.97716}$ $\frac{3.97716}{3.99027}$	$\frac{3}{3} \cdot 96386$ $\frac{3}{3} \cdot 97738$ $\frac{3}{3} \cdot 99049$	$\frac{3.96409}{3.97760}$ $\frac{3.99070}{3.99070}$	30 29 28 27 26	25
35 86 87 38 39	2.02601 $2.03775$ $2.04918$	2.02021 2.03794 2.04937	2.02641 2.03813 2.04955	2.01456 2.02661 2.03833 2.04974 3.2.06086	$     \begin{array}{r}             \hline             2.02680 \\             \hline             2.03852 \\             \hline             2.04998 \\         \end{array} $	$\begin{array}{ccc} 2.02700 \\ 2.03871 \\ 3.05012 \end{array}$	$\begin{array}{c} \overline{2}.01517 \\ \overline{2}.02720 \\ \overline{2}.03891 \\ \overline{2}.05030 \\ \overline{2}.06141 \end{array}$	$   \begin{array}{r}     \hline{2.02740} \\     \hline{2.03910} \\     \hline{2.05049}   \end{array} $	$\frac{2.02759}{2.03929}$ $\frac{2.05068}{2.05068}$	2.02779 $2.03948$ $2.05087$	25 24 23 22 21	20
40 41 42 43 44	2.07117 2.08176 2.09210 2.10220	2.07135 2.08194 2.09227 2.10237	$\begin{array}{c} 2.07153 \\ 2.08211 \\ 2.09244 \\ 2.10254 \end{array}$	3 2.07171 2.08229 4 2.09261 4 2.10270 5 2.11256	$ \begin{array}{c}     \hline{2.07189} \\     \hline{2.08246} \\     \hline{2.09278} \\     \hline{2.10287} \end{array} $	2.07206 2.08263 2.08263 2.09295 7 2.10303	$\begin{array}{c} 2.07224 \\ 2.08281 \\ 2.09312 \\ 2.10320 \\ 2.11305 \end{array}$	$\frac{2.08298}{2.09329}$ $\frac{2.10337}{2.10337}$	$\frac{2.08316}{2.09346}$ $\frac{2.10353}{2.10353}$	$\frac{2.08333}{2.09363}$ $\frac{2.10370}{2.10370}$	20 19 18 17 16	15
45 46 47 48 49	2·12172 2·13117 2·14041 2·14945	2.12188 $2.13132$ $2.14056$ $2.14960$	2·12204 2·13148 3·2·14071 2·14975	\$\frac{2}{2}\cdot 12220 \$\frac{2}{2}\cdot 13163 \$\frac{2}{2}\cdot 14086 \$\frac{2}{2}\cdot 14990 \$\frac{2}{2}\cdot 15875	$egin{array}{cccccccccccccccccccccccccccccccccccc$	$egin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} \overline{2} \cdot 12268 \\ \overline{2} \cdot 18210 \\ \overline{2} \cdot 14182 \\ \overline{2} \cdot 15035 \\ \overline{2} \cdot 15919 \end{array} $	$\frac{2.13225}{2.14147}$	2·13241 2·14162 2·15065	$\frac{2.13256}{2.14178}$ $\frac{2.15079}{2.15079}$	15 14 13 12 11	K
50 51 52 53	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	2·16715 2·17566 2·18401 2·19220	5 2·16729 5 2·17580 1 2·18414 1 2·19233	2·16743 2·17594 4 2·18428 8 2·19247 7 2·20050	$egin{array}{cccccccccccccccccccccccccccccccccccc$	$7  \overline{2}.16772$ $8  \overline{2}.17622$ $2  \overline{2}.18456$ $0  \overline{2}.19274$	$ \begin{array}{c} \overline{2} \cdot 16786 \\ \overline{2} \cdot 17636 \\ \overline{2} \cdot 18469 \\ \overline{2} \cdot 19287 \end{array} $	$     \begin{array}{r}         \overline{2} \cdot 16800 \\         \overline{2} \cdot 17650 \\         \overline{2} \cdot 18483 \\         \overline{2} \cdot 19301     \end{array} $	$ \begin{array}{c} \overline{2} \cdot 16815 \\ \overline{2} \cdot 17664 \\ \overline{2} \cdot 18497 \\ \overline{2} \cdot 19314 \end{array} $	$     \begin{array}{r}         \overline{2} \cdot 16829 \\         \overline{2} \cdot 17678 \\         \overline{2} \cdot 18511 \\         \overline{2} \cdot 19328 \\         \overline{2} \cdot 20130     \end{array} $	10 9 8 7 6	5
55 56 57 58	2·20800 2·21576 2·22887 2·28086	2·20813 2·21588 2·22950 3 2·23098	3 2·20826 3 2·21601 5 2·22868 5 2·23111	5 2·20839 1 2·21614 3 2·22375 1 2·23123 6 2·23859	2·20852 1 2·21627 5 2·22388 3 2·23130	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} \overline{2} \cdot 20904 \\ \overline{2} \cdot 21678 \\ \overline{2} \cdot 22438 \\ \overline{2} \cdot 23185 \end{array} $	$ \begin{array}{c} \overline{2} \cdot 20917 \\ \overline{2} \cdot 21691 \\ \overline{2} \cdot 22451 \\ \overline{2} \cdot 23197 \\ \overline{2} \cdot 23931 \end{array} $	5 4 3 2 1	4321
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,	40″	41"	$42^{\prime\prime}$	43"	44"	45"	46"	47″	48″	49"	
0 1 2 3 4	$     \begin{array}{r}       4.68557 \\       \hline       4.88969 \\       \hline       3.02800 \\       \hline       3.13273     \end{array} $	$\frac{4.68990}{4.89240}$ $\frac{3.02997}{3.13428}$	4.69418 4.89509 3.03193 3.13582	$\overline{4} \cdot 31904$ $\overline{4} \cdot 69841$ $\overline{4} \cdot 89776$ $\overline{3} \cdot 03388$ $\overline{3} \cdot 13736$	4·70261 4·90042 3·03582 3·13889	4.70676 $4.90306$ $3.03776$ $3.14042$	4·71088 4·90568 3·03968 3·14194	4.71496 $4.90829$ $3.04160$ $3.14346$	4.36682 4.71900 4.91088 3.04351 3.14497	4.72300 4.91346 3.04541 3.14647	59 58 57 56
5 6 7 8 9	$     \begin{array}{r}       3 \cdot 28763 \\       \hline       3 \cdot 34833 \\       \hline       3 \cdot 40158 \\       \hline       3 \cdot 44900     \end{array} $	$\frac{3.28872}{3.34928}$ $\frac{3.40241}{3.44975}$	3.28980 3.35022 3.40324 3.45050	$\frac{3.22087}{3.29088}$ $\frac{3.35116}{3.40408}$ $\frac{3.45124}{3.45124}$	3·29196 3·35209 3·40491 3·45199	3.29303 $3.35303$ $3.40573$ $3.45273$	3·29410 3·35396 3·40656 3·45347	3·29517 3·35489 3·40739 3·45421	3·22715 3·29623 3·35582 3·40821 3·45495	8·29730 3·35675 3·40903 3·45569	55 54 53 52 51
10 11 12 13 14	3.53067 3.56639 3.59939 3.63006	3.58129 3.56696 3.59992 3.63055	3.53191 3.56753 3.60045 3.63104	3.49379 3.53253 3.56810 8.60097 3.63153	3.53315 3.56867 3.60150 3.63203	3·53376 3·56924 3·60203 3·63252	3-53438 3-56980 3-60255 3-63301	3-53499 3-57037 3-60308 3-63350	3-49715 3-53561 3-57094 3-60360 3-63399	3.53622 3.57150 3.60413 3.68448	50 49 48 47 46
15 16 17 18 19	3.08557 3.71088 3.73479 3.75745	3.78601 3.71129 3.78518 3.75782	3.68644 3.71170 3.73557 3.75819	\$.66009 3.68687 \$.71211 3.73595 \$.75856	3-68731 3-71251 3-73634 3-75892	3·68774 3·71292 3·73673 3·75929	3-68817 3-71333 3-73711 3-75966	3-68860 3-71374 3-73750 3-76002	3-66238 3-68903 3-71414 3-73788 3-76039	3.68946 3.71455 3.73827 3.76075	45 44 43 42 41
20 21 22 23 24	$   \begin{array}{r}     \hline     3.79952 \\     \hline     3.81911 \\     \hline     3.83786 \\     \hline     3.85583   \end{array} $	3.70985 3.81943 3.83817 3.85613	3.80018 3.81975 3.83847 3.85642	8.78004 3.80052 3.82007 3.83878 3.85671	3.82039 3.83908 3.85701	3·80118 3·82070 3·83939 3·85730	3-80152 3-82102 3-83969 3-85759	3-80185 3-82134 3-84000 3-85788	3-78179 3-80218 3-82166 3-84030 3-85817	3·80251 3·82198 3·84060 3·85847	39 38 37 36
25 26 27 28 29	3.88969 3.90568 3.92110 3.93599	3-88996 3-90594 3-92135 3-93623	3·89023 3·90620 3·92160 3·93648	8-87894 8-89050 3-90646 3-92186 3-93672	3-89077 3-90672 3-92211 3-93696	\$\\ 89105 \$\\ 90698 \$\\ 92236 \$\\ 93721	3-89132 3-90725 3-92261 3-93745	3-89159 3-90751 8-02286 3-93769	3-87534 3-89186 3-90777 3-92311 3-93794	3·89213 3·90803 8·92336 3·93818	35 34 38 32 31
30 31 32 38 34	3.96432 3.97782 3.99092 2.00363	3.96455 3.97805 3.99113 2.00384	3.96478 $3.97827$ $3.99135$ $2.00405$	3.96501 3.96501 3.97849 3.99156 2.00426	3-96524 3-97871 3-99178 2-00447	3-96546 3-97893 3-99199 2-00467	3-96569 3-97915 3-99221 2-00488	3-96592 3-97937 3-99242 2-00509	8-95227 8-96615 8-97959 8-99264 2-00580	3-90637 3-97981 3-99285 2-00551	30 29 28 27 26
35 36 37 38 39	2.02799 $2.03967$ $2.05105$	$\substack{\frac{2.02819}{2.03987} \\ \frac{2.05124}{}}$	$\begin{array}{c} 2.02838 \\ 2.04006 \\ 2.05143 \end{array}$	2-01659 2-02858 2-04025 2-05161 2-06269	2-02878 2-04044 2-05180	2-02898 2-04063 2-05199 2-06305	2-02917 2-04083 2-05218 2-06324	2-02937 2-04-102 2-05236 2-06342	2-01760 2-02957 2-04121 2-05255 2-06360	2-02076 2-04140 2-05274 2-06378	25 24 23 22 21
40 41 42 48 44	2.08350 2.09380 2.10386 2.11370	2.08368 $2.09397$ $2.10403$ $2.11386$	2.08385 2.09414 2.10420 2.11402	2-07849 2-08403 2-09481 2-10436 2-11418	2-08420 2-09448 2-10453 2-11485	2-08487 2-09465 2-10469 2-11451	2:08455 2:09482 2:10486 2:11467	2-08472 2-09409 2-10502 2-11488	207438 208489 209616 240619 241499	2.08506 2.09588 2.10585 2.11515	19 18 17 16
45 46 47 48 49	2·13272 2·14193 2·15094 2·15078	2·13287 2·14208 2·15109 2·15092	2·13303 2·14223 2·15124 2·16007	2-12370 2-13318 2-14238 2-15139 2-16021	2-13334 2-14253 2-15154 2-16036	2-13349 2-14269 2-15169	2-18365 2-14284 2-15183	2 13380 2 14299 2 15198	2 1245x 2 13396 2 14314 2 15213 2 16094	2-13411 2-14329 2-15228	15 14 18 12 11
50 51 52 53 54	$ \begin{array}{c} \widehat{2} \cdot 17692 \\ \widehat{2} \cdot 18524 \\ \widehat{2} \cdot 19341 \\ \widehat{2} \cdot 20143 \end{array} $	2.17700 $2.18538$ $2.19355$ $2.20150$	2·17720 2·18552 2·19368 2·20170	2·16886 2·17734 2·18566 2·19882 2·20183	2-17748 2-18579 2-19395 2-20196	2-17762 2-18593 2-19409 2-20209	2-17776 2-18607 2-19422 2-20222	2-17790 2-18021 2-19436 2-20236	2-16957 2-17804 2-18634 2-19449 2-20249	2-17818 2-18648 2-19468 2-20262	10 9 8 7 6
55 56 57 58 59	2·21703 2·22463 2·23210 2·23944	2.22476 $2.23222$ $2.23956$	2·21729 2·22488 2·23234 2·23968	2·21742 2·22501 2·23247 2·23980	2-22513 2-23250 2-23992	2·21767 2·22526 2·28271 2·24004	2-22538 2-23284 2-24016	2-21798 2-22551 2-23296 2-24028	2 21034 2 21805 2 22563 2 23308 2 24041	2 21818 2 22576 2 23321 2 24058	5 4 3 2 1
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$\overline{4}.72697$ $\overline{4}.91602$ $\overline{3}.04730$	$\frac{\overline{4}\cdot73090}{\underline{4}\cdot91857}$ $\overline{3}\cdot04919$	$\overline{4}.73479$ $\overline{4}.92110$ $\overline{3}.05106$	$\overline{4}.40985$ $\overline{4}.73865$ $\overline{4}.92362$ $\overline{3}.05293$ $\overline{3}.15244$	$\frac{\overline{4}\cdot74248}{\underline{4}\cdot92612}$ $\frac{\overline{3}\cdot05479}{\overline{3}\cdot05479}$	$\frac{\overline{4} \cdot 74627}{\underline{4} \cdot 92861}$ $\underline{\overline{3} \cdot 05664}$	$\frac{\overline{4} \cdot 43376}{\underline{4} \cdot 75003}$ $\underline{4} \cdot 93109$ $\underline{3} \cdot 05849$ $\underline{3} \cdot 15687$	$\frac{\overline{4} \cdot 75376}{\underline{4} \cdot 93355}$ $\underline{\overline{3} \cdot 06032}$	$\frac{\overline{4} \cdot 75746}{\underline{4} \cdot 93599}$ $\overline{3} \cdot 06215$	$\frac{4.76112}{4.93843}$	59 58 57 56	<b>5</b> 9
$\frac{3}{3}$ 29836 $\frac{3}{3}$ 35767 $\frac{3}{4}$ 0985	$\frac{3.35860}{3.41067}$	$\frac{3}{3} \cdot 30047$ $\frac{3}{3} \cdot 35952$ $\frac{3}{3} \cdot 41149$	$\begin{array}{c} \overline{3} \cdot 23335 \\ \overline{3} \cdot 30152 \\ \overline{3} \cdot 36044 \\ \overline{3} \cdot 41230 \\ \overline{3} \cdot 45863 \end{array}$	$\frac{3}{3} \cdot 30257$ $\frac{3}{3} \cdot 36135$ $\frac{3}{3} \cdot 41312$	$\frac{3}{3} \cdot 30362$ $\frac{3}{3} \cdot 36227$ $\frac{3}{3} \cdot 41393$	$\begin{array}{c} \overline{3} \cdot 23702 \\ \overline{3} \cdot 30467 \\ \overline{3} \cdot 36318 \\ \overline{3} \cdot 41474 \\ \overline{3} \cdot 46082 \end{array}$	$\frac{3}{3} \cdot 30571$ $\frac{3}{3} \cdot 36409$ $\frac{3}{3} \cdot 41555$	$\frac{\overline{3} \cdot 36500}{\overline{3} \cdot 41636}$	$\frac{\overline{3} \cdot 30779}{\overline{3} \cdot 36591}$	55 54 53 52 51	50
3.53683 3.57206 3.60465 3.63496	$\frac{3.53744}{3.57263}$ $\frac{3.60517}{3.63545}$	$\frac{3.53805}{3.57319}$ $\frac{3.60570}{3.63594}$	$\frac{3.60622}{3.63642}$	$ \frac{3.53927}{3.57431} $ $ \frac{3.60674}{3.63691} $	$\frac{3.53988}{3.57488}$ $\frac{3.60726}{3.63740}$	$ \frac{3}{5} \cdot 54049 $ $ \frac{3}{5} \cdot 57544 $ $ \frac{3}{5} \cdot 60778 $ $ \frac{3}{5} \cdot 63788 $	$\frac{3.54109}{3.57599}$ $\frac{3.60830}{3.63837}$	$ \begin{array}{c} 3.54170 \\ 3.57655 \\ 3.60882 \\ 3.63885 \end{array} $	$\begin{array}{c} \overline{3} \cdot 60934 \\ \overline{3} \cdot 63933 \end{array}$	50 49 48 47 46	45
3.68989 3.71496 3.73865 3.76112	$\frac{3.69032}{3.71536}$ $\frac{3.73904}{3.76148}$	3.69075 3.71577 3.78942 3.76185	3.66467 3.69118 3.71617 3.73980 3.76221	$\frac{3.69161}{3.71658}$ $\frac{3.71658}{3.74019}$ $\frac{3.76258}{3.76258}$	$\frac{3.69204}{3.71698}$ $\frac{3.71698}{3.74057}$ $\frac{3.76294}{3.76294}$	$\frac{3}{8} \cdot 69247$ $\frac{3}{8} \cdot 71739$ $\frac{3}{8} \cdot 74095$ $\frac{3}{8} \cdot 76330$	$\frac{3}{3}$ .71779 $\frac{3}{3}$ .74133 $\frac{3}{3}$ .76367	$ \frac{3}{3} \cdot 69332 $ $ \frac{3}{3} \cdot 71819 $ $ \frac{3}{3} \cdot 74171 $ $ \frac{3}{3} \cdot 76403 $	$ \frac{3}{5} \cdot 69375 $ $ \frac{3}{5} \cdot 71859 $ $ \frac{3}{5} \cdot 74210 $ $ \frac{3}{5} \cdot 76439 $	45 44 43 42 41	40
$\frac{3.80284}{3.82229}$ $\frac{3.84091}{3.85876}$	3.80317 3.82261 3.84121 3.85905	3.80351 3.82293 3.84151 3.85934	3.78352 3.80384 3.82324 3.84182 3.85963	$ \frac{3.80417}{3.82356} $ $ \frac{3.84212}{3.85992} $	$ \frac{3.80450}{3.82387} $ $ \frac{3.84242}{3.86021} $	$     \begin{array}{r}       \hline       3.78456 \\       \hline       3.80483 \\       \hline       3.82419 \\       \hline       3.84273 \\       \hline       3.86050 \\       \hline       3.87758 $	$\frac{3.80516}{3.82451}$ $\frac{3.82451}{3.84303}$ $\frac{3.86079}{3.86079}$	$\frac{3.82482}{3.84333}$ $\frac{3.86108}{3.86108}$	3.86137	40 39 38 37 36	35
3-89240 3-90829 3-92362 3-93842	3.89267 3.90855 3.92387 3.93866	3.89294 3.90881 3.92412 3.93891	3.87674 3.89320 3.90907 3.92437 3.93915	3.89347 3.90933 3.92462 3.93939	3.89374 3.90958 3.92487 3.93963	$ \frac{3.89401}{3.90984} $ $ \frac{3.92512}{3.93988} $	$ \frac{3.89428}{3.91010} $ $ \frac{3.92537}{3.94012} $	$ \frac{3.89455}{3.91036} $ $ \frac{3.92562}{3.94036} $	$\frac{3.89482}{3.91062}$ $\frac{3.92587}{3.92587}$	35 34 33 32 31	30
3-96660 3-98003 3-99306 2-00571	3.96683 3.98025 3.99328 2.00592	3.96706 3.98048 3.99349 2.00613	3.95344 3.96728 3.98070 3.99371 2.00634	3.96751 3.98092 3.99392 2.00654	$ \frac{3.96774}{3.98114} $ $ \frac{3.99413}{2.00675} $	3.95415 3.96796 3.98136 3.99435 2.00696	$\frac{3.96819}{3.98157}$ $\frac{3.98157}{3.99456}$ 2.00717	$\frac{3.96842}{3.98179}$ $\frac{3.99477}{2.00737}$	$ \frac{3.96864}{3.98201} $ $ \frac{3.99499}{2.00758} $	30 29 28 27 26	25
2.02996 $2.04159$ $2.05292$ $2.06396$	2.03016 $2.04178$ $2.05811$ $2.06414$	2.03035 $2.04197$ $2.05329$ $2.06433$	2.01861 2.03055 2.04217 2.05348 2.06451	2.03074 2.04236 2.05307 2.06469	2.03094 2.04255 2.05385 2.06487	2·01922 2·03114 2·04274 2·05404 2·06505	$ \begin{array}{c} \overline{2} \cdot 03133 \\ \overline{2} \cdot 04293 \\ \overline{2} \cdot 05422 \\ \overline{2} \cdot 06523 \end{array} $	$\begin{array}{c} 2.03153 \\ 2.04312 \\ 2.05441 \\ 2.06541 \end{array}$	$     \begin{array}{r}         \overline{2} \cdot 03172 \\         \overline{2} \cdot 04331 \\         \overline{2} \cdot 05460 \\         \overline{2} \cdot 06560     \end{array} $	25 24 23 22 21	20
2·08524 2·09550 2·10552 2·11531	2·08541 2·09567 2·10568 2·11548	2·08558 2·09583 2·10585 2·11564	2.07526 2.08576 2.09600 2.10601 2.11580	2.08593 2.09617 2.10618 2.11596	2.08610 $2.09634$ $2.10634$ $2.11612$	2.07579 2.08627 2.09651 2.10651 2.11628	$\begin{array}{c} 2.08645 \\ 2.09668 \\ 2.10667 \\ 2.11644 \end{array}$	$\begin{array}{c} 2.08662 \\ 2.09685 \\ \hline 2.10684 \\ \hline 2.11660 \end{array}$	$ \frac{2.08679}{2.09701} $ $ \frac{2.10700}{2.11677} $	20 19 18 17 16	15
2.13427 $2.14344$ $2.15243$ $2.16123$	$\begin{array}{c} 2 \cdot 13442 \\ 2 \cdot 14359 \\ 2 \cdot 15258 \\ 2 \cdot 16138 \end{array}$	$\begin{array}{c} 2.13458 \\ 2.14375 \\ 2.15272 \\ 2.16152 \end{array}$	2·12537 2·13473 2·14390 2·15287 2·16167	2·13489 2·14405 2·15302 2·16181	2·13504 2·14420 2·15317 2·16196	2·12584 2·13519 2·14435 2·15832 2·16210	$ \frac{2.13535}{2.14450} $ $ \frac{2.15346}{2.16225} $	$\begin{array}{c} \mathbf{\overline{2} \cdot 13550} \\ \mathbf{\overline{2} \cdot 14465} \\ \mathbf{\overline{2} \cdot 15361} \\ \mathbf{\overline{2} \cdot 16239} \end{array}$	$ \begin{array}{c} \overline{2} \cdot 13506 \\ \overline{2} \cdot 14480 \\ \overline{2} \cdot 15376 \\ \overline{2} \cdot 10254 \end{array} $	15 14 13 12 11	10
2·17832 2·18662 2·19476 2·20275	2-17846 2-18675 2-19489 2-20288	$\begin{array}{c} 2.17860 \\ 2.18689 \\ 2.19503 \\ 2.20302 \end{array}$	2·17020 2·17874 2·18703 2·19516 2·20315	2.17888 $2.18716$ $2.19580$ $2.20328$	2·17902 2·18730 2·19543 2·20341	$\begin{array}{c} \hline{2.17071} \\ \hline{2.17916} \\ \hline{2.18744} \\ \hline{2.19557} \\ \hline{2.20354} \end{array}$	$     \begin{array}{r}         \hline{2.17930} \\         \hline{2.18757} \\         \hline{2.19570} \\         \hline{2.20368}     \end{array} $	$ \frac{2 \cdot 17943}{2 \cdot 18771} $ $ \frac{2 \cdot 19583}{2 \cdot 20381} $	$\begin{array}{c} \overline{2} \cdot 17957 \\ \overline{2} \cdot 18785 \\ \overline{2} \cdot 19597 \\ \overline{2} \cdot 20394 \end{array}$	10 9 8 7 6	5
2-21831 2-22588 2-23333 2-24065	2·21844 2·22601 2·23845 2·24077	2·21856 2·22613 2·23357 2·24089	2·21099 2·21869 2·22626 2·23370 2·24101	2·21882 2·22638 2·23382 2·24113	2·21895 2·22651 2·23394 2·24125	$2 \cdot 21138$ $2 \cdot 21907$ $2 \cdot 22663$ $2 \cdot 23407$ $2 \cdot 24137$	$ \begin{array}{c} 2 \cdot 21920 \\ 2 \cdot 22676 \\ 2 \cdot 23419 \\ 2 \cdot 24149 \end{array} $	$     \begin{array}{r}         \overline{2} \cdot 21933 \\         \overline{2} \cdot 22688 \\         \overline{2} \cdot 23431 \\         \overline{2} \cdot 24161     \end{array} $	$\begin{array}{c} 2.21945 \\ \hline 2.22701 \\ \hline 2.23443 \\ \hline 2.24178 \end{array}$	5 4 3 2 1	43210
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Ľ	0″	D.1"	10"	D. 1"	20"	D.1"	30"	D.1"	40″	D.1"	50″	D. 1"	60″	
0 1 2 3 4	$\begin{array}{c} \overline{2} \cdot 24903 \\ \overline{2} \cdot 25609 \\ \overline{2} \cdot 26304 \\ \overline{2} \cdot 26988 \end{array}$	11.9 11.7 11.5 11.3	$\begin{array}{c} \overline{2} \cdot 25022 \\ \overline{2} \cdot 25726 \\ \overline{2} \cdot 26419 \\ \overline{2} \cdot 27101 \end{array}$	11.8 11.6 11.4 11.3	$\begin{array}{c} \hline{2.25140} \\ \hline{2.25842} \\ \hline{2.26533} \\ \hline{2.27214} \end{array}$	11.8 11.6 11.5 11.2	$\begin{array}{c} \hline{2.25258} \\ \hline{2.25958} \\ \hline{2.26648} \\ \hline{2.27326} \end{array}$	11.7 $11.6$ $11.3$ $11.2$	2·25375 2·26074 2·26761 2·27438	11.8 11.5 11.4 11.2	2:24785 2:25493 2:26189 2:26875 2:27550	11.6 11.5 11.3 11.1	$\frac{2.25609}{2.26804}$ $\frac{2.26988}{2.27661}$	58 57 56 55
5 6 7 8 9	$\begin{array}{ c c c c }\hline 2.28324 \\ \hline 2.28977 \\ \hline 2.29621 \\ \hline 2.30255 \\ \hline \end{array}$	11.0 10.8 10.6 10.4	$\begin{array}{c} 2.28434 \\ \hline 2.29085 \\ \hline 2.29727 \\ \hline 2.30359 \end{array}$	10.9 10.8 10.6 10.5	$\begin{array}{c} \overline{2} \cdot 28543 \\ \overline{2} \cdot 29193 \\ \overline{2} \cdot 29833 \\ \overline{2} \cdot 30464 \end{array}$	10.9 10.7 10.6 10.4	$     \begin{array}{r}             \hline             2.28652 \\             \hline             2.29300 \\             \hline             2.20939 \\             \hline             2.30568 \\         \end{array} $	10.9 10.7 10.5 10.4	2-28761 2-29407 2-30044 2-30672	10.8 10.7 10.6 10.4	2-28215 2-28869 2-29514 2-30150 2-30776	10.8 10.7 10.5 10.3	2·28977 2·29621 2·30255 2·30879	53
10 11 12 13 14	$\begin{array}{ c c c }\hline 2.81495 \\ \hline 2.82103 \\ \hline 2.82702 \\ \hline 2.83292 \\ \hline \end{array}$	10·2 10·0 9·9 9·8	$\begin{array}{c} 2.31507 \\ \overline{2}.32203 \\ \overline{2}.32801 \\ \overline{2}.33390 \end{array}$	10·2 10·0 9·8 9·8	$\begin{array}{c} 2.31699 \\ 2.32303 \\ 2.32899 \\ 2.33488 \end{array}$	10·1 10·0 9·9 9·7	2-81800 2-82403 2-82998 2-83588	10·1 10·0 9·8 9·7	2-31901 2-32503 2-33096 2-33682	10·1 9·9 9·9 9·7	2-81393 2-82002 2-82602 2-83195 2-83779	10·1 10·0 9·7 9·6	2-32103 2-32702 2-33292 2-33875	47
15 16 17 18 19	$\begin{array}{ c c c c c }\hline 2.83875 \\ \hline 2.34450 \\ \hline 2.35018 \\ \hline 2.35578 \\ \hline 2.36131 \\ \hline \end{array}$	9·6 9·4 9·8 9·2	2·83972 2·84546 2·85112 2·85671 2·36223	9·4 9·4 9·3 9·1	2-84068 2-84640 2-85206 2-85764 2-86314	$9.5 \\ 9.3 \\ 9.2 \\ 9.1$	2-84164 2-84735 2-85299 2-85856 2-86405	9·5 9·3 9·2 9·1	2-34260 2-34830 2-35392 2-35948 2-36496	9·4 9·8 9·2 9·1	2:84855 2:84924 2:85485 2:86040 2:86587	9·4 9·3 9·1 9·1	2-34450 2-35018 2-35578 2-36131 2-36678	42 41
20 21 22 23 24	$\begin{array}{c} 2.36678 \\ 2.37217 \\ 2.37750 \\ 2.38276 \\ 2.38796 \end{array}$	8.9 8.8 8.7	$     \begin{array}{r}       \hline{2} \cdot 36768 \\       \hline{2} \cdot 37806 \\       \hline{2} \cdot 37838 \\       \hline{2} \cdot 88868 \\       \hline{2} \cdot 88882     \end{array} $	8·9 8·8 8·7	2.36858 2.37395 2.37926 2.38450 2.38968	8·9 8·8 8·7	2·36948 2·37484 2·38014 2·38537 2·39054	8·9 8·7 8·7	2-87038 2-37573 2-88101 2-88624 2-39189	8-8 8-8 8-8	2-37128 2-37662 2-38189 2-38710 2-39225	8·8 8·7 8·6	2·37217 2·37750 2·38276 2·38700 2·39310	37
25 26 27 28 29	$\begin{array}{ c c c }\hline 2.30310\\\hline 2.39818\\\hline 2.40320\\\hline 2.40816\\\hline 2.41307\\\hline\end{array}$	8·4 8·3 8·2	2.30305 2.30302 2.40403 2.40898 2.41388	8·4 8·8 8·2	2-39480 2-39986 2-40486 2-40980 2-41469	8·4 8·3 8·2	2.39565 2.40070 2.40569 2.41062 2.41550	8·3 8·2 8·2	2-39649 2-40158 2-40651 2-41144 2-41681	8·4 8·8 8·1	2-89784 2-40287 2-40784 2-41225 2-41711	8·8 8·2 8·2	$\begin{array}{c} 2 \cdot 39818 \\ \overline{2} \cdot 40320 \\ \overline{2} \cdot 40816 \\ \overline{2} \cdot 41307 \\ \overline{2} \cdot 41792 \end{array}$	
30 31 32 33 34	$\begin{array}{ c c c }\hline 2.41792\\\hline 2.42272\\\hline 2.42746\\\hline 2.43216\\\hline 2.43680\\\hline\end{array}$	7·9 7·7	2·41872 2·42851 2·42825 2·43293 2·43757	7·9 7·8 7·8	2·41052 2·42430 2·42903 2·48371 2·48834	8·0 7·9 7·7	2-42032 2-42510 2-42982 2-43448 2-43910	7·9 7·8 7·8	2-42112 2-42589 2-43060 2-43526 2-43987	7·8 7·8 7·7	2-42192 2-42667 2-43138 2-43608 2-44068	7·9 7·8 7·7	2·42272 2·42746 2·43216 2·43680 2·44139	29 28 27 20 25
35 36 87 38 89	2·44130 2·44594 2·45044 2·45489 2·45980	7·5 7·5 7·4	2·44216 2·44669 2·45119 2·45563 2·46003	7·6 7·4 7·4	2·44292 2·44745 2·45193 2·45637 2·46076	7·5 7·4 7·3	2·44867 2·44820 2·45267 2·45710 2·46149	7·5 7·4 7·4	2·44448 2·44805 2·45341 2·45784 2·46222	7·4 7·4 7·8	2-44519 2-44969 2-45415 2-45857 2-46294	7·5 7·4 7·3	2.44594 2.45944 2.45489 2.45930 2.46936	24 28 22 21 20
40 41 42 43 44	2.46306 $2.46799$ $2.47226$ $2.47650$ $2.48069$	7·1 7·1 7·0	2·46439 2·46870 2·47297 2·47720 2·48139	7·2 7·1 7·0	2.46511 2.46042 2.47868 2.47700 2.48208	7·1 7·1 7·0	2.40583 2.47018 2.47489 2.47860 2.48278	7·1 7·0 7·0	2.46655 2.47084 2.47509 2.47980 2.48347	7·1 7·1 7·0	2.46727 2.47155 2.47580 2.48000 2.48416	7·1 7·0 6·9	2.46799 2.47226 2.47650 2.4860 2.48485	19 18 17 16 15
45 46 47 48 49	2.48485 $2.48896$ $2.49804$ $2.49708$ $2.50108$	6·9 6·8 6·7	2·48554 2·48965 2·49372 2·49775 2·50174	6·8 6·7 6·7	2·48622 2·49033 2·49489 2·49842 2·50241	6·8 6·7 6·6	2.48691 2.49101 2.49506 2.49908 2.50807	6·8 6·8 6·7	2.48760 2.49169 2.49574 2.49975 2.50878	6·7 6·7 6·7	2-48828 2-49286 2-49641 2-50042 2-50439	6·8 6·8 6·7 6·6	2.48896 2.49304 2.49708 2.50108 2.50504	14 13 12 11
50 51 52 53 54	2.50504 2.50897 2.51287 2.51673 2.52055	6·6 6·4 6·4	$ \frac{2.50570}{2.50963} $ $ \frac{2.51351}{2.51737} $ $ \frac{2.52119}{2.52119} $	6·5 6·5 6·4	$     \begin{array}{r}             \hline             2.50636 \\             \hline             2.51028 \\             \hline             2.51416 \\             \hline             2.51801 \\             \hline             2.52182 \\     \end{array} $	6·4 6·4 6·3	2.50701 2.51092 2.51480 2.51864 2.52245	6·5 6·4 6·4	2.50767 2.51157 2.51544 2.51928 2.52308	6·5 6·4	2.50832 2.51222 2.51609 2.51992 2.52371	6·5 6·4 6·8	2.50897 2.51287 2.51673 2.52055 2.52434	9 8 7 6 5
55 56 57 58 59	2.52434 2.52810 2.58183 2.58552 2.58919	6·2 6·2 6·2	2.52497 2.52872 2.58245 2.58614 2.58979	6·3 6·1 6·1	2.52560 2.52935 2.53306 2.53675 2.54040	6·3 6·2 6·2 6·1	2.52623 2.52997 2.53368 2.53736 2.54101	6·2 6·2 6·1 6·1	2.52685 2.53059 2.53429 2.53797 2.54161	6·3 6·2 6·2 6·1	2.52748 2.58121 2.58491 2.58858 2.54222	6·2 6·2 6·1 6·1	2.52810 2.53183 2.53552 2.53919 2.54282	4 3 2 1
-	60"	D. 1"	50"	D.1"		D. 1"	HANGER THE PURE SECURIOR SEC	D, 1"	Printing of the second of the	D.1"	10"	1), 17	N Car . Ph. opposition	,
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## LOGS OF COSINES.

'	0"	D.1"	10"	D.1"	20″	D.1"	30″	D.1"	40″	D.1"	50″	D.1"	60″	
0 1 2 3 4	$\begin{array}{c} \mathbf{\overline{2}.54282} \\ \mathbf{\overline{2}.54642} \\ \mathbf{\overline{2}.54999} \\ \mathbf{\overline{2}.55354} \\ \mathbf{\overline{2}.55705} \end{array}$	6·0 6·0 6·0 5·9	$\begin{array}{c} \overline{2}.54342 \\ \overline{2}.54702 \\ \overline{2}.55059 \\ \overline{2}.55413 \\ \overline{2}.55764 \end{array}$	6·0 5·9 5·8 5·8	$\begin{array}{c} \overline{2}.54402 \\ \overline{2}.54762 \\ \overline{2}.55118 \\ \overline{2}.55471 \\ \overline{2}.55822 \end{array}$	6·0 5·9 5·9 5·9 5·8	$\begin{array}{c} \overline{2.54462} \\ \overline{2.54821} \\ \overline{2.55177} \\ \overline{2.55530} \\ \overline{2.55880} \end{array}$	6·0 5·9 5·9 5·8	$\begin{array}{c} \overline{2.54522} \\ \overline{2.54881} \\ \overline{2.55236} \\ \overline{2.55589} \\ \overline{2.55938} \end{array}$	6·0 5·9 5·9 5·8 5·8	$\begin{array}{c} \overline{2.54582} \\ \overline{2.54940} \\ \overline{2.55295} \\ \overline{2.55647} \\ \overline{2.55996} \end{array}$	6·0 5·9 5·9 5·8 5·8	$\begin{array}{c} \overline{2.54642} \\ \overline{2.54999} \\ \overline{2.55354} \\ \overline{2.55705} \\ \overline{2.56054} \end{array}$	59 58 57 56 55
5 6 7 8 9	$\begin{array}{c} \overline{2} \cdot 56054 \\ \overline{2} \cdot 56400 \\ \overline{2} \cdot 56743 \\ \overline{2} \cdot 57084 \\ \overline{2} \cdot 57421 \end{array}$	5·8 5·7 5·7 5·6 5·6	$     \begin{array}{r}       \hline       2.56112 \\       \hline       2.56457 \\       \hline       2.56800 \\       \hline       2.57140 \\       \hline       2.57477 \\     \end{array} $	5·8 5·8 5·7 5·6 5·6	$ \frac{2.56170}{2.56515} $ $ \frac{2.56515}{2.56857} $ $ \frac{2.57196}{2.57533} $	5·7 5·7 5·7 5·6	$\begin{array}{c} \overline{2.56227} \\ \overline{2.56572} \\ \overline{2.56914} \\ \overline{2.57253} \\ \overline{2.57589} \end{array}$	5·6 5·6	$\begin{array}{c} \mathbf{\overline{2}\cdot56285} \\ \mathbf{\overline{2}\cdot56629} \\ \mathbf{\overline{2}\cdot56970} \\ \mathbf{\overline{2}\cdot57309} \\ \mathbf{\overline{2}\cdot57645} \\ -\mathbf{\overline{2}\cdot57645} \end{array}$	5∙6 5∙6	$     \begin{array}{r}         \overline{2} \cdot 56342 \\         \overline{2} \cdot 56686 \\         \overline{2} \cdot 57027 \\         \overline{2} \cdot 57365 \\         \overline{2} \cdot 57701     \end{array} $	5·8 5·7 5·6 5·6	$     \begin{array}{r}             \hline             \hline           $	54 53 52 51 50
10 11 12 18 14	2.57757 2.58089 2.58419 2.58747 2.59072	5·5 5·5 5·5 5·4 5·4	2.57812 2.58144 2.58474 2.58801 2.59126	5·6 5·6 5·5 5·5	$     \begin{array}{r}       \hline       2.57868 \\       \hline       2.58200 \\       \hline       2.58529 \\       \hline       2.58856 \\       \hline       2.59180 \\     \end{array} $	5·5 5·4 5·4 5·4	$     \begin{array}{r}       \hline         2.57923 \\         \hline         2.58255 \\         \hline         2.58583 \\         \hline         2.58910 \\         \hline         2.59234 \\         \end{array} $	5·5 5·5 5·4 5·4	$     \begin{array}{r}       \hline       2.57979 \\       \hline       2.58310 \\       \hline       2.58638 \\       \hline       2.58964 \\       \hline       2.59288 \\     \end{array} $	5·5 5·4 5·5 5·4 5·3	$     \begin{array}{r}       \hline       2.58034 \\       \hline       2.58364 \\       \hline       2.58693 \\       \hline       2.59018 \\       \hline       2.59341 \\     \end{array} $	5·5 5·4 5·4 5·4	$     \begin{array}{r}             \hline             \hline           $	49 48 47 46 45
15 16 17 18 19	$     \begin{array}{r}       \hline       2.59395 \\       \hline       2.59715 \\       \hline       2.60033 \\       \hline       2.60349 \\       \hline       2.60662 \\     \end{array} $	5·3 5·3 5·3 5·2 5·2	2.59448 2.59768 2.60086 2.60401 2.60714	5·4 5·3 5·3 5·3 5·2	2.59502 2.59821 2.60139 2.60454 2.60766	5·3 5·2 5·2 5·2	$\begin{array}{c} \overline{2.59555} \\ \overline{2.59874} \\ \overline{2.60191} \\ \overline{2.60506} \\ \overline{2.60818} \end{array}$	5·3 5·3 5·2 5·2	$ \frac{2.59609}{2.59927} $ $ \frac{2.60244}{2.60558} $ $ \frac{2.60870}{2.60870} $	5·3 5·3 5·2 5·2 5·2	$\begin{array}{c} \overline{2}.59662 \\ \overline{2}.59980 \\ \overline{2}.60296 \\ \overline{2}.60610 \\ \overline{2}.60922 \end{array}$	5·3 5·3 5·2 5·1	$     \begin{array}{r}             \hline             \hline           $	44 43 42 41 40
20 21 22 23 24	$     \begin{array}{r}       \hline       2.60973 \\       \hline       2.61282 \\       \hline       2.61589 \\       \hline       2.61894 \\       \hline       2.62196 \\     \end{array} $	5·2 5·2 5·1 5·0 5·0	2.61025 2.61334 2.61640 2.61944 2.62246	5·2 5·1 5·1 5·1 5·1	$ \begin{array}{c} \overline{2} \cdot 61077 \\ 2 \cdot 61385 \\ 2 \cdot 61691 \\ 2 \cdot 61995 \\ 2 \cdot 62297 \end{array} $	5·1 5·1 5·1 5·0 5·0	$\begin{array}{c} \overline{2} \cdot 61128 \\ \overline{2} \cdot 61436 \\ \overline{2} \cdot 61742 \\ \overline{2} \cdot 62045 \\ \overline{2} \cdot 62347 \end{array}$	5·1 5·0 5·1 5·0	$\begin{array}{c} \hline{2.61180} \\ \hline{2.61487} \\ \hline{2.61792} \\ \hline{2.62096} \\ \hline{2.62397} \\ \hline{\end{array}$	5·1 5·1 5·0 5·0	$ \frac{2.61231}{2.61538} $ $ \frac{2.61538}{2.61843} $ $ \frac{2.62146}{2.62447} $	5·1 5·1 5·0 5·0	$ \frac{2}{2} \cdot 61282 $ $ \frac{2}{2} \cdot 61589 $ $ \frac{2}{2} \cdot 61894 $ $ \frac{2}{2} \cdot 62196 $ $ \frac{2}{2} \cdot 62497 $	39 38 37 36 35
25 26 27 28 29	$\begin{array}{c} \hline{2.62497} \\ \hline{2.62795} \\ \hline{2.63091} \\ \hline{2.63385} \\ \hline{2.633878} \end{array}$	4·9 4·9 4·9 4·9 4·8	2.62546 2.62844 2.63140 2.63434 2.63726	5.0 5.0 4.9 4.9 4.9	2.62596 2.62894 2.63189 2.63488 2.63775	5.0 4.9 4.9 4.9 4.8	$\begin{array}{c} 2.62646 \\ 2.62943 \\ 2.63238 \\ 2.63532 \\ 2.63823 \end{array}$	5·0 5·0 4·8	$\begin{array}{c} \overline{2}.62696 \\ \overline{2}.62993 \\ \overline{2}.63288 \\ \overline{2}.63580 \\ \overline{2}.63871 \end{array}$		$\begin{array}{c} \hline{2.62745} \\ \hline{2.63042} \\ \hline{2.63336} \\ \hline{2.63629} \\ \hline{2.63920} \end{array}$	5·0 4·9 4·9 4·9 4·8	$\begin{array}{c} \overline{2} \cdot 62795 \\ \overline{2} \cdot 63091 \\ \overline{2} \cdot 63385 \\ \overline{2} \cdot 63678 \\ \overline{2} \cdot 63968 \end{array}$	34 33 32 31 30
30 31 32 33 34	2.63968 2.64256 2.64548 2.64827 2.05110	4.8 4.8 4.7 4.8 4.7	2.64016 2.64304 2.64590 2.64875 2.65157	4·8 4·8 4·8 4·7 4·7	2.64064 2.64852 2.64638 2.64922 2.65204	4·8 4·8 4·7 4·7	$ \begin{array}{r} 2.64112 \\ 2.64400 \\ 2.64685 \\ 2.64969 \\ 2.65251 \end{array} $	4·8 4·8 4·7 4·7	$\begin{array}{c} \hline{2.64160} \\ \hline{2.64448} \\ \hline{2.64733} \\ \hline{2.65016} \\ \hline{2.65298} \end{array}$		$\begin{array}{c} \mathbf{\overline{2} \cdot 64208} \\ \mathbf{\overline{2} \cdot 64495} \\ \mathbf{\overline{2} \cdot 64780} \\ \mathbf{\overline{2} \cdot 65063} \\ \mathbf{\overline{2} \cdot 65344} \end{array}$	4·8 4·8 4·7 4·7	$\begin{array}{c} \overline{2} \cdot 64256 \\ \overline{2} \cdot 64543 \\ \overline{2} \cdot 64827 \\ \overline{2} \cdot 65110 \\ \overline{2} \cdot 65391 \end{array}$	29 28 27 26 25
35 36 37 38 39	2.65391 2.65670 2.65947 2.66223 2.66497	4·7 4·7 4·6 4·6	2.65438 2.65717 2.65994 2.66269 2.66542	4.6 4.6 4.6 4.5 4.6	2.65484 2.65763 2.66040 2.66314 2.66588	4·7 4·6 4·6 4·6 4·5	$     \begin{array}{r}         \hline         2.65531 \\         \hline         2.65809 \\         \hline         2.66085 \\         \hline         2.66330 \\         \hline         2.66633 \\     \end{array} $	4·6 4·6	2.65577 2.65855 2.66131 2.66406 2.66678	4·7 4·6 4·6 4·5 4·6	$     \begin{array}{r}             \hline             \hline           $	4·6 4·6 4·6 4·6 4·5	$\begin{array}{c} \overline{2} \cdot 65670 \\ \overline{2} \cdot 65947 \\ \overline{2} \cdot 66223 \\ \overline{2} \cdot 66497 \\ \overline{2} \cdot 66769 \end{array}$	24 23 22 21 20
40 41 42 43 44	$\begin{array}{c} 2.66769 \\ 2.67039 \\ 2.67308 \\ 2.67576 \\ 2.67841 \end{array}$	4·5 4·5 4·4 4·4	2.66814 2.67084 2.67353 2.67619 2.67885	4·5 4·5 4·4 4·5 4·4	2-66859 2-67129 2-67397 2-67664 2-67929	4.5 4.5 4.4 4.4	2.66904 $2.67174$ $2.67442$ $2.67708$ $2.67978$	4·5 4·4 4·4	$\begin{array}{c} \overline{2}.66949 \\ \overline{2}.67219 \\ \overline{2}.67486 \\ \overline{2}.67752 \\ \overline{2}.68017 \end{array}$	4.4	$\begin{array}{c} \underline{2.66994} \\ \underline{2.67263} \\ \underline{2.67531} \\ \underline{2.67796} \\ \underline{2.68060} \end{array}$	4·5 4·4	$     \begin{array}{r}         \overline{2} \cdot 67039 \\         \overline{2} \cdot 67808 \\         \overline{2} \cdot 67575 \\         \overline{2} \cdot 67841 \\         \overline{2} \cdot 68104     \end{array} $	19 18 17 16 15
45 46 47 48 49	2.68104 $2.68807$ $2.68627$ $2.68880$ $2.69144$	4·4 4·3 4·3 4·3 4·3	2.68148 2.68410 2.68670 2.68929 2.69187	4·4 4·4 4·3 4·2	2.68192 2.68454 2.68714 2.68972 2.69229	4·4 4·3 4·3 4·3 4·3	$     \begin{array}{r}             \hline             2.68286 \\             \hline             2.68497 \\             \hline             2.68757 \\             \hline             2.69015 \\             \hline             2.69272 \\         \end{array} $	4·3 4·3 4·3	$\begin{array}{c} \underline{2.68279} \\ \underline{2.68540} \\ \underline{2.68800} \\ \underline{2.69058} \\ \underline{2.69058} \\ \underline{2.69315} \end{array}$	4·4 4·4 4·3 4·3	2.68323 $2.68584$ $2.68843$ $2.69101$ $2.69357$		$ \frac{2.68367}{2.68627} $ $ \frac{2.68886}{2.69144} $ $ \frac{2.69400}{2.69400} $	14 13 12 11 10
50 51 52 53 54	$ \begin{array}{c}     \hline{2.69400} \\     \hline{2.69654} \\     \hline{2.69907} \\     \hline{2.70159} \\     \hline{2.70409} \end{array} $	4·2 4·3 4·2 4·2 4·2	$ \begin{array}{c}     \hline{2.69442} \\     \hline{2.69697} \\     \hline{2.69949} \\     \hline{2.70201} \\     \hline{2.70451} \end{array} $	4·8 4·2 4·2 4·1 4·1	2.69485 2.69789 2.69991 2.70242 2.70492	4·2 4·2 4·2 4·2 4·2	2.69527 2.69781 2.70083 2.70284 2.70584	$4 \cdot 2 \\ 4 \cdot 2 \\ 4 \cdot 2$	$\begin{array}{c} \underline{2}.69570 \\ \underline{2}.69823 \\ \underline{2}.70075 \\ \underline{2}.70326 \\ \underline{2}.70575 \end{array}$	4·2 4·2 4·1 4·1	$\begin{array}{c} \underline{2}.69612 \\ \underline{2}.69865 \\ \underline{2}.70117 \\ \underline{2}.70367 \\ \underline{2}.70616 \end{array}$	4·2 4·2 4·2 4·2	2.69654 2.69907 2.70159 2.70409 2.70658	9 8 7 6 5
55 50 57 58 59	2.70658 $2.70905$ $2.71151$ $2.71395$ $2.71638$	4·1 4·1 4·1 4·1	2·70699 2·70946 2·71192 2·71436 2·71679	4·1 4·1 4·0 4·0 4·0	2.70740 $2.70987$ $2.71232$ $2.71476$ $2.71719$	4·1 4·1 4·1 4·1 4·0	$     \begin{array}{r}       \hline{2} \cdot 70781 \\       \hline{2} \cdot 71028 \\       \hline{2} \cdot 71273 \\       \hline{2} \cdot 71517 \\       \hline{2} \cdot 71759     \end{array} $	4·1 4·1 4·0	$     \begin{array}{r}       \hline{2} \cdot 70823 \\       \hline{2} \cdot 71069 \\       \hline{2} \cdot 71314 \\       \hline{2} \cdot 71557 \\       \hline{2} \cdot 71800     \end{array} $	4·1 4·1 4·1	$\begin{array}{c} \hline{2.70864} \\ \hline{2.71110} \\ \hline{2.71355} \\ \hline{2.71598} \\ \hline{2.71840} \end{array}$	4·1 4·0 4·0	$     \begin{array}{r}       \hline         2.70905 \\       \hline         2.71151 \\       \hline         2.71395 \\       \hline         2.71638 \\       \hline         2.71880     \end{array} $	4 3 2 1 0
*******	60"	D. 1"	50"	1).1"	40"	D.1"	30"	D. 1"	20"	D.1"	10″	D. 1"		'
									TITO					070

LOGS OF COSINES.

87°

## 0° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

U			OMIT									LU	_~
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan	D. 1".	Sec.	D. 1"	. Log Sec.	. D. 1"	
0 1 2 3 4	0.00000 0.00029 0.00058 0.00087 0.00116	0·48 0·48 0·48 0·48	$-\infty$ $\overline{4.46373}$ $\overline{4.76476}$ $\overline{4.94085}$ $\overline{3.06579}$		0.00000 0.00029 0.00058 0.00087 0.00116	0·48 0·48 0·48 0·48	$-\infty$ $\overline{4.46373}$ $\overline{4.76476}$ $\overline{4.94085}$ $\overline{8.06579}$		1.00000 1.00000 1.00000 1.00000	0.00 0.00 0.00	0.00000 0.00000 0.00000 0.00000	0.00	59 58 57 56
5 6 7 8 9	0.00145 0.00175 0.00204 0.00233 0.00262	0·48 0·48 0·48	3·16270 3·24188 3·30882 3·36682 3·41797		0.00145 0.00175 0.00204 0.00233 0.00262	0.50 0.48 0.48 0.48 0.48	3.16270 3.24188 3.30882 3.36682 3.41797		1.00000 1.00000 1.00000 1.00000	0.00 0.00 0.00	0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00	54 53 52 51
10 11 12 13 14	0.00291 0.00320 0.00349 0.00378 0.00407	0·48 0·48 0·48 0·48	3.46373 3.50512 8.54291 3.57767 3.60985	%	0.00291 0.00820 0.00849 0.00378 0.00407	0·48 0·48 0·48 0·48 0·48	3.46373 3.50512 3.54291 3.57767 3.60986	Note on page	1.00000 1.00001 1.00001 1.00001	0.02 0.00 0.00 0.00 0.00	0.00000 0.00000 0.00000 0.00000	0.00 0.00 0.00	50 49 48 47 46
15 16 17 18 19	0.00436 0.00465 0.00495 0.00524 0.00553	0·48 0·50 0·48 0·48	3.63982 3.66784 3.69417 3.71900 3.74248	preceding pages.	0.00436 0.00465 0.00495 0.00524 0.00558	0.48 0.50 0.48 0.48	3.63982 3.66785 3.69418 8.71900 8.74248	hages and	1.00001 1.00001 1.00001 1.00001 1.00002	0.00 0.00 0.00 0.02 0.00	0.00000 0.00000 0.00001 0.00001	0.00 0.02 0.00 0.00	45 44 43 42 41
20 21 22 23 24	0.00582 0.00611 0.00640 0.00669 0.00698	0·48 0·48 0·48 0·48	3.76475 3.78594 3.80615 3.82545 3.84393	Cosines, see pr	0.00582 0.00611 0.00640 0.00669 0.00698	0.48 0.48 0.48 0.48 0.48	8:76476 8:78595 8:80615 3:82546 8:84894	see preceding	1-00002 1-00002 1-00002 1-00002	0.00 0.00 0.00 0.00 0.02	0.00001 0.00001 0.00001 0.00001	0.00 0.00 0.00	39 38 37 36
25 26 27 28 29	0.00727 0.00756 0.00785 0.00814 0.00844	0.48 0.48 0.48 0.50 0.48	3.80106 3.87870 3.89509 3.91088 3.92612	Sines and Co	0.00727 0.00756 0.00785 0.00815 0.00844	0·48 0·48 0·60 0·48 0·48	3.86167 3.87871 3.89510 3.91089 3.92613	Cotangents, s	1.00003 1.00003 1.00003 1.00003 1.00004	0.00 0.00 0.00 0.02 0.00	0.00001 0.00001 0.00001 0.00001 0.00002	0.00 0.00 0.00 0.02 0.00	35 34 33 32 31
30 31 32 33 34	0.00873 0.00902 0.00931 0.00960 0.00989	0·48 0·48 0·48 0·48 0·48	8.94084 8.95508 8.96887 8.98228 8.99520	Logs of	0.00873 0.00902 0.00931 0.00960 0.00989	0·48 0·48 0·48 0·48 0·48	3-94086 3-95510 3-96889 3-98225 3-99522	Tangents and C	1-00004 1-00004 1-00004 1-00005 1-00005	0.00 0.00 0.02 0.00 0.00	0.00002 0.00002 0.00002 0.00002 0.00002	0.00 0.00 0.00 0.00	30 29 28 27 26
36 87 <b>3</b> 8	0.01018 0.01047 0.01076 0.01105 0.01184	0.48 0.48 0.48 0.48 0.50	2.00779 2.02002 2.03102 2.04350 2.05478	ralues of the	0.01018 0.01047 0.01076 0.01105 0.01135	0·48 0·48 0·48 0·50 0·48	2-00781 2-02004 2-03194 2-04358 2-05481	is of	1-00005 1-00005 1-00006 1-00006	0.00 0.02 0.00 0.00 0.02	0.00002 0.00002 0.00003 0.00003	0.00 0.02 0.00 0.00 0.00	25 24 23 22 21
41 42 48	0·01164 0·01198 0·01222 0·01251 0·01280	0·48 0·48 0·48 0·48 0·48	2.06578 2.07650 2.08696 2.09718 2.10717	intermediate	0·01164 0·01193 0·01222 0·01251 0·01280	0·48 0·48 0·48 0·48	2-06581 2-07658 2-08700 2-08722 2-10720	s of the	1-00007 1-00007 1-00007 1-00008 1-00008	0.00 0.00 0.02 0.00 0.02	0.00008 0.00008 0.00008 0.00008 0.00004	0.00 0.00 0.00 0.02 0.00	20 19 18 17 16
46 47 48	0·01309 0·01338 0·01367 0·01396 0·01425	0·48 0·48	2·11698 2·12647 2·13581 2·14495 2·15981	For	0·01309 0·01338 0·01367 0·01396 0·01425	0.48 0.48 0.48 0.48 0.50	2·11696 2·12651 2·13585 2·14500 2·15395	rediate	1.00009 1.00009 1.00009 1.00010	0:00 0:00 0:02 0:00 0:02	0.00004 0.00004 0.00004 0.00004	0·00 0·00 0·00 0·00 0·02	15 14 18 12 11
51 52 53	0·01454 0·01488 0·01518 0·01542 0·01571	0·50 0·48	$     \begin{array}{r}             \hline             \hline           $		0.01455 0.01484 0.01518 0.01542 0.01571	0·48 0·48 0·48 0·48 0·48	2·16278 2·17133 2·17976 2·18804 2·19616	For in	1.00011 1.00011 1.00011 1.00012 1.00012	0.00 0.00 0.02 0.00 0.02	0.00005 0.00005 0.00005 0.00005 0.00005	0.00 0.00 0.00 0.00 0.02	10 9 8 7 6
56 57 58	0·01600 0·01629 0·01658 0·01687 0·01716	0·48 0·48 0·48	2·20407 2·21189 2·21958 2·22713 2·23456		0.01600 0.01629 0.01658 0.01687 0.01716	0·48 0·48 0·48 0·48 0·50	$ \begin{array}{c} 2 \cdot 20413 \\ 2 \cdot 21195 \\ 5 \cdot 21964 \\ 2 \cdot 22720 \\ 2 \cdot 23462 \end{array} $		1.00013 1.00013 1.00014 1.00014 1.00015	0.00 0.02 0.00 0.02 0.02	0-00006 0-00006 0-00006 0-00006	0.00 0.00 0.00 0.00 0.02	5 4 3 2
во	0·01745 Сов.	THE PERSONAL PROPERTY OF THE PERSON OF THE P	2.24186 Log Cos. 1	-	0.01746 Cot.	n 1"	2·24192		1.00015		0.00007	T) 1"	0
-	Ova.	<i></i> .	TIOR COR! 1	V+ 4 +	Cot.		Log Cot.	11. I'i	Conec.	14. l".	Log Cosec.	17.1".	

# TRIGONOMETRICAL FUNCTIONS & THEIR LOGS. 1°

									<del>~</del> 11	* *** * *		<b>J</b> O.	<b>1</b>
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
$\begin{array}{c} 0 \\ 1 \\ 2 \end{array}$	0·01745 0·01774 0·01803	0·48 0·48 0·48	$ \frac{2.24186}{2.24903} $ $ \frac{2.25609}{2.25609} $		0.01746 0.01775 0.01804	0·48 0·48 0·48	$\frac{\overline{2} \cdot 24192}{\underline{2} \cdot 24910}$ $\frac{\overline{2} \cdot 25616}{\underline{2} \cdot 25616}$		1.00015 1.00016 1.00016	0·02 0·00 0·02	0.00007 0.00007 0.00007	0.00 0.00	60 59 58
3 4 5	0·01832 0·01862 0·01891	0.50 0.48 0.48	2.26304 2.26988 2.27661		0.01833 0.01862 0.01891	0·48 0·48 0·48	$     \begin{array}{r}             \hline             \hline           $		1.00017 1.00017	$0.00 \\ 0.02$	0.00007 0.00008	0·02 0·00	57 56
6 7 8	0.01920 0.01949 0.01978	0·48 0·48 0·48	$     \begin{array}{r}         \overline{2} \cdot 28324 \\         \overline{2} \cdot 28977 \\         \overline{2} \cdot 29621     \end{array} $		$     \begin{array}{c}       0.01920 \\       0.01949 \\       0.01978     \end{array} $	0.48 0.48 0.48	$\frac{2}{2}$ .28332 $\frac{2}{2}$ .28986 $\frac{2}{2}$ .29629	1.	1.00018 1.00018 1.00019 1.00020	0·00 0·02 0·02 0·00	0.00008 0.00008 0.00008 0.00008	0.00 0.00 0.00 0.02	55 54 53 52
9 10	0.02007 0.02036 0.02065	0·48 0·48 0·48	2·30255 2·30879 2·31495	,	0.02007 0.02036 0.02066	0·48 0·50	2.30263 2.30888	page 221.	1.00020 1.00021	0·02 0·00	0·00009 0·00009	0.00	51 50
11 12 13 14	0.02003 $0.02094$ $0.02123$ $0.02152$	0·48 0·48 0·48	$\begin{array}{c} 2.32103 \\ \overline{2}.32702 \\ \overline{2}.33292 \end{array}$	ઙ	0.02000 0.02095 0.02124 0.02153	0·48 0·48 0·48 0·48	$ \frac{2.31505}{2.32112} $ $ \frac{2.32711}{2.33302} $	Note on p	$\begin{array}{c} 1.00021 \\ 1.00022 \\ 1.00023 \\ 1.00023 \end{array}$	0·02 0·02 0·00 0·02	0.00009 0.00010 0.00010 0.00010	0.02 0.00 0.00 0.00	49 48 47 46
15 16 17 18 19	$egin{array}{c} 0.02181 \\ 0.02211 \\ 0.02240 \\ 0.02269 \\ 0.02298 \end{array}$	0.50 0.48 0.48 0.48 0.48	2.33875 2.34450 2.35018 2.35578 2.36131		$ \begin{vmatrix} 0.02182 \\ 0.02211 \\ 0.02240 \\ 0.02269 \\ 0.02298 \end{vmatrix} $	0·48 0·48 0·48 0·48 0·50	2.33886 $2.34461$ $2.35020$ $2.35590$ $2.36143$	pages and D	1.00024 1.00024 1.00025 1.00026 1.00026	0·00 0·02 0·02 0·00 0·02	0.00010 0.00011 0.00011 0.00011	0.02 0.00 0.00 0.00 0.02	45 44 43 42 41
20 21 22 23 24	$\begin{array}{c} 0.02327 \\ 0.02356 \\ 0.02385 \\ 0.02414 \\ 0.02443 \end{array}$	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} 2.36678 \\ 2.37217 \\ 2.37750 \\ 2.38276 \\ 2.38706 \end{array}$	es, see	0.02828 0.02357 0.02386 0.02415 0.02444	0·48 0·48 0·48 0·48 0·48	2.36689 $2.37229$ $2.37762$ $2.38289$ $2.38809$	preceding	1.00027 1.00028 1.00028 1.00029 1.00030	0·02 0·00 0·02 0·02 0·02	0.00012 0.00012 0.00012 0.00013 0.00013	0.00 0.00 0.02 0.00 0.00	40 39 38 37 36
25 26 27 28 29	0.02472 0.02501 0.02530 0.02560 0.02589	0.48 0.48 0.50 0.48 0.48	2·39310 2·39818 2·40320 2·40816 2·41307	pui	0.02473 0.02502 0.02531 0.02560 0.02589	0·48 0·48 0·48 0·48 0·50	2.89323 $2.89832$ $2.40334$ $2.40830$ $2.41821$	Cotangents, see	1.00031 1.00031 1.00032 1.00033 1.00034	0·00 0·02 0·02 0·02 0·00	0.00013 0.00014 0.00014 0.00014 0.00015	0·02 0·00 0·00 0·02 0·00	35 34 33 32 31
30 31 32 83 34	$\begin{array}{c} 0.02618 \\ 0.02647 \\ 0.02676 \\ 0.02705 \\ 0.02734 \end{array}$	0·48 0·48 0·48 0·48 0·48	2·41792 2·42272 2·42746 2·43216 2·43680	Logs of	$\begin{array}{c} 0.02619 \\ 0.02648 \\ 0.02677 \\ 0.02706 \\ 0.02735 \end{array}$	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} 2.41807 \\ 2.42287 \\ \overline{2}.42762 \\ \overline{2}.43232 \\ \overline{2}.43696 \end{array}$	and	1.00034 1.00035 1.00036 1.00037 1.00037	0·02 0·02 0·02 0·00 0·00	0.00015 0.00015 0.00016 0.00016 0.00016	0.00 0.02 0.00 0.00 0.00	30 29 28 27 26
35 36 37 38 39	0.02763 0.02792 0.02821 0.02850 0.02879	0.48 0.48 0.48 0.48 0.48	2·44139 2·44594 2·45044 2·45489 2·45930	raines of	0.02764 0.02793 0.02822 0.02851 0.02881	0·48 0·48 0·48 0·50 0·48	2·44156 2·44611 2·45061 2·45507 2·45948	ogs of Tangents	1.00038 1.00039 1.00040 1.00041 1.00041	0·02 0·02 0·02 0·00 0·02	0.00017 0.00017 0.00017 0.00018 0.00018	0.00 0.00 0.02 0.00 0.00	25 24 23 22 21
40 41 42 43 44	0.02908 0.02938 0.02967 0.02996 0.03025	0.50 0.48 0.48 0.48 0.48	2·46366 2·46799 2·47226 2·47650 2·48069	For intermediate	0.02910 0.02939 0.02968 0.02997 0.03026	0.48 0.48 0.48 0.48 0.48	2·46385 2·46817 2·47245 2·47669 2·48089	values of the $L$	1.00042 1.00043 1.00044 1.00045 1.00046	0·02 0·02 0·02 0·02 0·02	0.00018 0.00019 0.00019 0.00019 0.00020	0.02 0.00 0.00 0.02 0.00	20 19 18 17 16
45 40 47 48 49	0.03054 0.03083 0.03112 0.03141 0.03170	0.48 0.48 0.48 0.48 0.48	2.48485 2.48896 2.49304 2.49708 2.50108	For i	0.08055 0.03084 0.03114 0.03143 0.03172	0·48 0·50 0·48 0·48 0·48	2·48505 2·48917 2·49325 2·49729 2·50130	mediate val	1.00047 1.00048 1.00048 1.00049 1.00050	0·02 0·00 0·02 0·02 0·02	0.00020 $0.00021$ $0.00021$ $0.00021$ $0.00022$	0.02 0.00 0.00 0.02 0.00	15 14 13 12 11
50 51 52 53 54	0.03228 0.03257 0.03286	0·48 0·48 0·48 0·50 0·48	2.50504 2.50897 2.51287 2.51673 2.52055		0.03201 0.03230 0.03259 0.03288 0.03317	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} 2.50527 \\ 2.50920 \\ 2.51310 \\ 2.51696 \\ 2.52079 \end{array}$	For inter	1.00051 1.00052 1.00053 1.00054 1.00055	0·02 0·02 0·02 0·02 0·02	0.00022 0.00023 0.00023 0.00023 0.00024	0.02 0.00 0.00 0.02 0.00	10 9 8 7 6
55 56 57 58 59	0.03345 0.03374 0.03403 0.03432 0.03461	0·48 0·48 0·48 0·48 0·48	2.52434 2.52810 2.53183 2.53552 2.53919		0.03346 0.03376 0.03405 0.03434 0.03463	0.50 0.48 0.48 0.48 0.48	2.52459 2.52835 2.53208 2.53578 2.53945		1.00056 1.00057 1.00058 1.00059 1.00060	0·02 0·02 0·02 0·02 0·02	0.00024 0.00025 0.00025 0.00026 0.00026	0.02 0.00 0.02 0.00 0.00	5 4 3 2 1
60	0.03490	aus en der Stelle der Norde en Gen	2.54282	arrenhanaw nagazina cu	0.03492	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2·54308		1.00061		0.00026		0
	Cos.	D. 1".	Log Cos.	D, 1".	Cot.	D. 1".	Log Cot.	D, 1",	Cosec.	D. 1".	Log Coseo.	D, 1".	•

# 2° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

2	1 1/1/	TOIN	OME			1.0							_
,	Sine.	D. 1".	Log Sin.	D.1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3 4	0.03490 0.03519 0.03548 0.03577 0.03606	0.48 0.48 0.48 0.48 0.48	$\begin{array}{c} \overline{2}.54282 \\ \overline{2}.54642 \\ \overline{2}.54999 \\ \overline{2}.55354 \\ \overline{2}.55705 \end{array}$		0.03492 0.03521 0.03550 0.03579 0.03609	0·48 0·48 0·48 0·50 0·48	2.54308 2.54669 2.55027 2.55382 2.55734		1.00061 1.00062 1.00063 1.00064 1.00065	0.02 0.02 0.02 0.02 0.02	0.00026 0.00027 0.00027 0.00028 0.00028	0·02 0·00 0·02 0·00 0·02	60 59 58 57 56
5 6 7 8 9	0.03635 0.03664 0.03693 0.03723 0.03752	0·48 0·48 0·50 0·48 0·48	$\begin{array}{c} \hline{2.56054} \\ \hline{2.56400} \\ \hline{2.56743} \\ \hline{2.57084} \\ \hline{2.57421} \end{array}$		0.03638 0.03667 0.03696 0.03725 0.03754	0·48 0·48 0·48 0·48	2.56083 2.56429 2.56773 2.57114 2.57452	je 221.	1.00066 1.00067 1.00068 1.00069 1.00070	0·02 0·02 0·02 0·02 0·03	0.00029 0.00029 0.00030 0.00030 0.00031	0·00 0·02 0·00 0·02 0·00	55 54 53 52 51
10 11 12 13 14	0.03781 0.03810 0.03839 0.03868 0.03897	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} \overline{2}.57757 \\ \overline{2}.58089 \\ \overline{2}.58419 \\ \overline{2}.58747 \\ \overline{2}.59072 \end{array}$	£8;	0.03783 0.03812 0.03842 0.03871 0.03900	0·48 0·50 0·48 0·48 0·48	2.57788 2.58121 2.58451 2.58779 2.59105	Note on page	1.00072 1.00073 1.00074 1.00075 1.00076	0.02 0.02 0.02 0.02 0.02	0.00031 0.00032 0.00032 0.00033 0.00033	0·02 0·00 0·02 0·00 0·00	50 49 48 47 46
15 16 17 18 19	0.03926 0.03955 0.03984 0.04013 0.04042	0·48 0·48 0·48 0·48 0·48	$\begin{array}{c} 2.59395 \\ 2.59715 \\ 2.60033 \\ 2.60349 \\ 2.60662 \end{array}$	preceding pages.	0.03929 0.03958 0.03987 0.04016 0.04046	0·48 0·48 0·48 0·50 0·48	2.59428 2.59749 2.60068 2.60384 2.60698	pages and	1.00077 1.00078 1.00079 1.00081 1.00082	0.02 0.03 0.03 0.02 0.02	0.00033 0.00034 0.00034 0.00035 0.00036	0·02 0·00 0·02 0·02 0·00	45 44 43 42 41
20 21 22 23 24	0.04071 0.04100 0.04129 0.04159 0.04188	0·48 0·48 0·50 0·48 0·48	2.60973 2.61282 2.61589 2.61894 2.62196	Cosines, see pr	0.04075 0.04104 0.04133 0.04162 0.04191	0·48 0·48 0·48 0·48	2.61009 2.61319 2.61626 2.61931 2.62234	see preceding	1.00083 1.00084 1.00085 1.00087 1.00088	0.02 0.03 0.03 0.02 0.02	0.00036 0.00037 0.00037 0.00038 0.00038	0·02 0·00 0·02 0·00 0·02	40 39 38 87 36
25 26 27 28 29	0.04217 0.04246 0.04275 0.04304 0.04333	0·48 0·48 0·48 0·48 0·48	2.62497 2.62795 2.63091 2.63385 2.63678	Sines and Co	0.04220 0.04250 0.04270 0.04308 0.04337	0.50 0.48 0.48 0.48 0.48	2-62585 2-62834 2-63181 2-63426 2-63718	Cotangents, s	1.00089 1.00090 1.00091 1.00093	0.02 0.03 0.03 0.02	0.00039 0.00039 0.00040 0.00040 0.00041	0.00 0.02 0.00 0.02 0.00	35 34 38 32 31
30 31 32 33 34	0.04362 0.04391 0.04420 0.04449 0.04478	0·48 0·48 0·48 0·48 0·48	2.63968 2.64256 2.64543 2.64827 2.65110	Logs of	0.04366 0.04395 0.04424 0.04454 0.04488	0.48 0.48 0.50 0.48 0.48	2-64009 2-64298 2-64585 2-64870 2-65154	Tangents and C	1-00095 1-00097 1-00098 1-00099 1-00100	0.03 0.02 0.02 0.02 0.03	0-00041 0-00042 0-00042 0-00043 0-00044	0·02 0·00 0·02 0·02 0·00	80 29 28 27 20
35 36 37 38 39	0.04507 0.04536 0.04565 0.04594 0.04628	0·48 0·48 0·48 0·48 0·50	2.65391 2.65670 2.65947 2.66223 2.66497	ralues of the	0.04512 0.04541 0.04570 0.04509 0.04628	0·48 0·48 0·48 0·48 0·50	2.65435 2.65715 2.65998 2.66269 2.66543	Logs of Tan	1-00102 1-00103 1-00104 1-00106 1-00107	0.02 0.02 0.03 0.02 0.02	0.00044 0.00045 0.00045 0.00046 0.00046	0·02 0·00 0·02 0·00 0·02	25 24 28 22 21
40 41 42 48 44	0.04658 0.04682 0.04711 0.04740 0.04769	0·48 0·48 0·48 0·48	2.66769 2.67039 2.67308 2.67575 2.67841	intermediate	0.04658 0.04687 0.04716 0.04745 0.04774	0·48 0·48 0·48 0·48 0·48	2.60816 2.67087 2.67856 2.67624 2.67890	values of the 1	1.00108 1.00110 1.00111 1.00118 1.00114	0·03 0·03 0·03 0·03 0·02	0.00047 0.00048 0.00048 0.00049 0.00049	0·02 0·00 0·02 0·00 0·02	20 19 18 17 16
45 46 47 48 49	0.04798 0.04827 0.04856 0.0485 0.04914	0·48 0·48 0·48 0·48 0·48	2.68104 2.68367 2.68627 2.68886 2.69144	For i	0.04808 0.04833 0.04862 0.04891 0.04920	0·50 0·48 0·48 0·48 0·48	2-68154 2-68417 2-68678 2-68938 2-69196	nediate	1.00115 1.00117 1.00118 1.00120 1.00121	0.03 0.03 0.03 0.02 0.02	0.00050 0.00051 0.00051 0.00052 0.00052	0·02 0·00 0·02 0·00 0·02	15 14 18 12 11
50 51 52 53 54	0.04948 0.04972 0.05001 0.05030 0.05059	0·48 0·48 0·48 0·48 0·48	2.69400 2.69654 2.69907 2.70159 2.70409		0·04949 0·04978 0·05007 0·05037 0·05066	0·48 0·48 0·50 0·48 0·48	2.69458 2.69708 2.69962 2.70214 2.70465	For intern	1.00122 1.00124 1.00125 1.00127 1.00128	0-03 0-02 0-03 0-02 0-03	0-00058 0-00054 0-00054 0-00055 0-00056	0.02 0.00 0.02 0.02 0.00	10 9 8 7 6
55 56 57 58 59	0.05088 0.05117 0.05146 0.05175 0.05205	0·48 0·48 0·48 0·50 0·48	$ \begin{array}{r}     \hline{2.70658} \\     \hline{2.70905} \\     \hline{2.71151} \\     \hline{2.71395} \\     \hline{2.71638} \end{array} $		0-05095 0-05124 0-05153 0-05182 0-05212	0·48 0·48 0·48 0·50 0·48	2.70714 2.70962 2.71208 2.71453 2.71697		1.00130 1.00131 1.00133 1.00134 1.00136	0·02 0·03 0·02 0·03 0·02	0-00056 0-00057 0-00058 0-00058 0-00059	0·02 0·02 0·00 0·02 0·02	5 4 3 2 1
60	0.05284	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.71880	75 HD	0.05241	* 411	2.71940	monomorphis To The The The The The The The The The The	1.00187		0-00060 Log Cosec	71 1"	0
	Сов.	D, 1",	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. I".	Caseo.	D. 1".	rud (juseo	11, 1",	'

# ONOMETRICAL FUNCTIONS & THEIR LOGS. 3°

	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D.1".	Sec.	D. 1".	Log Sec.	D. 1".	$\neg$
34	0.48	$\overline{2}$ ·71880	4.00	0.05241	0.48	<b>2</b> ·71940	4.02	1.00137	0.03	0.00060	0.00	60
$\frac{63}{2}$	0·48 0·48	$\frac{2.72120}{2.72359}$	3.98	0.05270	0.48	2.72181	3.98	1.00139	0.02	0.00060	0.02	59
21	0.48	$\frac{2.72599}{2.72597}$	3·97 3·95	$0.05299 \\ 0.05328$	0·48 0·48	$\frac{2.72420}{2.72659}$	3.98	1.00140	0.03	0.00061	0.02	58
50	0.48	$\frac{1}{2}$ .72834	3.92	0.05357	0.50	$\frac{2}{2}$ .72896	3.95 3.93	1·00142 1·00143	0·02 0·03	0·00062 0·00062	0·00 0·02	57 56
79	0.48	2.73069	3.90	0.05387	0.48	2.73132	3.90	1.00145	0.03	0.00063	0.02	55
8(	0.48	2.73303	3.87	0.05416	0.48	2.73366	3.90	1.00147	0.02	0.00064	0.00	54
37 36	0·48 0·48	$\frac{2.73535}{2.73767}$	3.87	0.05445	0.48	2·73600	3.87	1.00148	0.03	0.00064	0.02	53
)5	0.48	2.73707	$\frac{3.83}{3.82}$	0.05474	0·48 0·50	$\frac{2.73832}{2.74063}$	3·85 3·82	1·00150 1·00151	$0.02 \\ 0.03$	0.00065	0.02	52 51
24	0.48	<b>2.74226</b>	3.80	0.05533	0.48	$\frac{2}{2} \cdot 74292$	3.82	1.00151	0.03	0·00066	0.02	50
53	0.48	2.74454	3.77	0.05562	0.48	2.74521	3.78	1.00155	0.03	0.00067	0.02	49
32	0.48	2.74680	3.77	0.05591	0.48	2.74748	3.77	1.00156	0.03	0.00068	0.00	48
.1 {0	0·48 0·48	2.74906 2.75130	$\frac{3.73}{3.72}$	0.05620 0.05649	0·48 0·48	$\frac{2.74974}{2.75199}$	3.75	1.00158	0.02	0.00068	0.02	47
9	0.48	2.75353	3.70	0.05678	0.50	2.75423	3.73 3.70	1.00159	0.03	0.00069	0.02	46
8(	0.48	2.75575	3.67	0.05708	0.48	$\frac{2}{2}$ .75645	3.70	1.00161 1.00163	$\begin{array}{c} 0.03 \\ 0.02 \end{array}$	0.00070 0.00071	0.02	45 44
27	0.48	2.75795	3.67	0.05737	0.48	2.75867	3.67	1.00164	0.03	0.00071	0.02	43
56 85	0·48 0·48	2.76015 $2.76234$	3.65	0.05766	0.48	2.76087	3.65	1.00166	0.03	0.00072	0.02	42
1.4	0.20	2·76451	3.62 3.60	0.05795	0.48	2.76306 2.76525	3.65	1.00168	0.02	0.00073	0.02	41
14	0.48	2.76667	3.60	0.05824 0.05854	0.30	$\frac{2.76525}{2.76742}$	3.62 3.60	1.00169 $1.00171$	0.03	0.00074 0.00074	$0.00 \ 0.02$	40 39
73	0.48	2.76883	3.57	0.05883	0.48	2.76958	3.58	1.00173	0.03	0.00075	0.02	38
)2	0.48	2.77097	3.55	0.05912	0.48	2.77173	3.57	1.00175	0.02	0.00076	0.02	37
31	0.48	2.77310	3.58	0.05941	0.48	2.77387	3.55	1.00176	0.03	0.00077	0.00	36
50 89	0·48 0·48	$\frac{2.77522}{2.77733}$	3·52 3·50	0.05970	0·48 0·50	$\frac{2.77600}{2.77811}$	$\frac{3.52}{3.52}$	1.00178 1.00180	0·03	0.00077	0.02	35 34
ί8	0.48	2.77943	3.48	0.06029	0.48	$\frac{2}{2} \cdot 78022$	3.50	1.00182	0.03	0·00078 0·00079	0.02	33
17	0.48	2.78152	8.47	0.00008	0.48	2.78232	3.48	1.00183	0.03	0.00080	0.00	32
76	0.48	2.78360	3.47	0.06087	0.48	2.78441	3.47	1.00185	0.03	0.00080	0.02	31
$\begin{array}{c} 05 \\ 34 \end{array}$	0·48 0·48	2.78568 2.78774	3·43 3·42	0.06116	0·48 0·50	$\frac{2.78649}{2.78855}$	3.43	1.00187	0.03	0.00081	0.02	30
33	0.48	2.78979	3.40	0.06175	0.48	2.79061	3·43 3·42	1.00189 1.00190	$0.02 \\ 0.03$	0·00082 0·00083	0.02   0.00	29 28
92	0.48	2.79183	3.38	0.06204	0.48	2.79266	3.40	1.00192	0.03	0.00083	0.02	27
21	0.48	2.79386	3.37	0.06233	0.48	2.79470	3.38	1.00194	0.03	0.00084	0.02	26
50	0.48	$\frac{2.70588}{2.70780}$	3.35	0.06262	0.48	2.79673	3.37	1.00196	0.03	0.00085	0.02	25
79 08	0·48 0·48	2.79990	3.35 3.32	0.06291 0.06321	0.50 0.48	2.79875 2.80076	3.35 3.35	1.00198 1.00200	$0.03 \\ 0.02$	0.00086 0.00087	0.02	24 23
37	0.48	2.80189	3.32	0.06850	0.48	2.80277	3.32	1.00201	0.03	0.00087	0.02	22
36	0.48	2.80388	3.28	0.06379	0.48	2.80476	3.30	1.00203	0.03	0.00088	0.02	21
05	0.48	2.80585	8.28	0.06408	0.50	2.80674	3.30	1.00205	0.03	0.00089	0.02	20
24 53	0·48 0·48	2·80782 2·80978	$\frac{3 \cdot 27}{3 \cdot 25}$	0.06438	0·48 0·48	$\frac{2.80872}{2.81068}$	$\frac{3\cdot 27}{3\cdot 27}$	1.00207 $1.00209$	0.03	0.00090 0.00091	0.02	19 18
32	0.18	2.81173	3.23	0.00496	0.48	2.81264	3.25	1.00203	0.03	0.00091	0.02	17
11.	0.48	2.81367	3.22	0.06525	0.48	2.81459	3.23	1.00213	0.03	0.00092	0.02	16
10	0.48	2.81560	3.20	0.06554	0.60	2.81653	3.22	1.00215	0.02	0.00093	0.02	15
19	0.48	2.81752 $2.81944$	3.20	0.06584	0·48 0·48	2·81846 2·82038	3.20	1.00216	0·03 0·03	0.00094	0.02	14
98 27	0·48 0·48	2.82134	3·17 3·17	0.06613 0.06642	0.48	2.82230	$\frac{3.20}{3.17}$	1.00218 1.00220	0.03	0.00095	0.02	13 12
56	0.48	2.82324	3.15	0.06671	0.48	2.82420	8.17	1.00222	0.03	0.00096	0.02	îĩ
НБ	0.48	2.82518	3.18	0.06700	0.50	2.82610	3.15	1.00224	0.03	0.00097	0.02	10
14	0.48	2.82701	3.12	0.06780	0.48	2.82799	3.13	1.00226	0.03	0.00098	0.02	9
48 78	0.50 0.48	2.82888 2.88075	3·12 3·10	0.06759	0·48 0·48	$\frac{2.82987}{2.83175}$	3·13 3·10	1.00228 $1.00230$	0·03	0.00099 0.00100	0·02 0·02	8
02	0.48	2.83261	8.08	0.06817	0.50	2.88361	8.10	1.00232	0.08	0.00101	0.02	6
81	0.48	2.83446	8.07	0.06847	0.48	2.83547	3.08	1.00234	0.03	0.00102	0.00	5
60	0.48	2.88080	3.02	0.06876	0.48	2.83732	3.07	1.00236	0.03	0.00102	0.02	4
89 18	0·48 0·48	2.83813 2.83996	3·05 3·02	0.06905	0·48 0·48	$\frac{2.83916}{2.84100}$	3·07 3·03	1.00238 1.00240	0·03	0.00103 0.00104	$\begin{array}{c} 0.02 \\ 0.02 \end{array}$	3 2
47	0.48	2.84177	3.02	0.06968		2.84282	3.08	1.00242	0.03	0.00104	0.02	î
76		2.84358		0.06998		2.84464		1.00244		0.00106		0
enezio une	D. 1"	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D.1".	Log Cosec	D. 1"	<b> </b>
	*** * *	ang Cos.	*** * *			~~ ~~ ~~ ~~		1				

# 4° TRIGONOMETRICAL FUNCTIONS & THEIR LOGS.

_									,				٠٠.
7	Sine.	D. 1".	Log Sin.		Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.06976	0.48	<del>2</del> ⋅843 <b>8</b> ≉		0.06993	0.48	2.84464	3.03	1.00244	0.03	0.00106	0.02	60
1	0.07005	0.48	2.84539	2.98	0.07022	0.48	2.84646	3.00	1.00246	0.03	0.00107	0.02	59
2	0.07034	0.48	2.84718	2.98	0.07051	0.48	2.84826	3.00	1.00248	0.03	0.00108	0.02	58
3	0.07063	0.48	2.84897	2.97	0.07080	0.50	2.85006	2.98	1.00250	0.03	0.00109	0.00	57
4	0.07092	0.48	2.85075	2.95	0.07110	0.48	2.85185	2.97	1.00252	0.03	0.00109	0.02	56
5	0.07121	0.48	2.85252	2.95	0.07139	0.48	2.85363	2.97	1.00254	0.05	0.00110	0.02	55
6 7	0.07150	0·48 0·48	$\frac{2.85429}{2.85605}$	$\frac{2.93}{2.92}$	0.07168	0.48 0.50	$\frac{2.85540}{2.85717}$	2·95 2·93	1.00257 $1.00259$	0.03 0.03	0.00111	0.02	54
8	0.07208	0.48	2.85780	2.92	0.07227	0.48	2.85893	2.93	1.00261	0.03	0.00113	0.02	53 52
9	0.07237	0.48	2.85955	2.88	0.07256	0.48	2.86069	2.90	1.00263	0.03	0.00114	0.02	51
10	0.07266	0.48	2.86128	2.88	0.07285	0.48	2.86243	2.90	1.00265	0.03	0.00115	0.02	50
11	0.07295	0.48	2.86301	2.88	0.07314	0.50	2.86417	2.90	1.00267	0.03	0.00116	0.02	49
12	0.07324	0.48	2.86474	2.85	0.07344	0.48	2.86591	2.87	1.00269	0.03	0.00117	0.02	48
13	0.07353	0.48	2.86645	2.85	0.07373	0.48	2.86763	2.87	1.00271	0.05	0.00118	0.02	47
14	0.07382	0.48	2.86816	2.85	0.07402	0.48	2.86935	2.85	1.00274	0.03	0.00119	0.02	46
15	0.07411	0.48	$\frac{2.86987}{2.87156}$	$\frac{2.82}{2.82}$	0.07431	0.50	2.87106	2.85	1.00276	80.0	0.00120	0.02	45
$\frac{16}{17}$	0.07440	0·48 0·48	2.87325	2.82	0.07461	0·48 0·48	2·87277 2·87447	2.83 2.82	1.00278	0.03 0.03	0.00121 0.00121	0.00	44
18	0.07498	0.48	2.87494	2.78	0.07519	0.48	2.87616	2.82	1.00282	0.03	0.00122	0.02	48
19	0.07527	0.48	2.87661	2.80	0.07548	0.50	2.87785	2.80	1.00284	0.05	0.00123	0.02	41
20	0.07556	0.48	2.87829	2.77	0.07578	0.48	2.87953	2.78	1.00287	0.03	0.00124	0.02	40
21	0.07585	0.48	2.87995	2.77	0.07607	0.48	2.88120	2.78	1.00289	0.03	0.00125	0.02	39
22	0.07614	0.48	2.88161	2.75	0.07636	0.48	2.88287	2.77	1.00291	0.08	0.00126	0.02	88
$\begin{array}{ c c } 23 \\ 24 \end{array}$	0.07643	0·48 0·48	2.88326 2.88490	$\frac{2.78}{2.78}$	0.07665	0.50 0.48	2.88453 2.88618	$\begin{array}{c} 2.75 \\ 2.75 \end{array}$	1.00293	0.05 0.03	0.00127	0.02	37
1 1			2.88654		ì						0.00128	0.02	36
25 26	0.07701	0·48 0·48	2.88817	$\begin{array}{c} 2.72 \\ 2.72 \end{array}$	0.07724	0.48 0.48	2-88783 2-88948	2.75 2.72	1-00298	0.03 0.03	0.00129	0.02	35
27	0.07759	0.48	2.88980	2.70	0.07782	0.50	2.89111	2.72	1.00302	0.05	0.00130 0.00131	0.02	34 33
28	0.07788	0.48	2.89142	2.70	0.07812	0.48	2.89274	2.72	1.00305	0.03	0.00132	0.02	32
29	0.07817	0.48	2.89304	2.67	0.07841	0.48	2.89437	2.68	1.00307	0.03	0.00133	0.02	31
30	0.07846	0.48	2.80464	2.68	0.07870	0.48	2-89598	2.70	1.00309	0.05	0.00134	0.02	80
31	0.07875	0.48	2.89625	2.65	0.07899	0.50	2.89760	2.67	1.00312	0.03	0.00135	0.02	29
32 33	0.07904	0·48 0·48	2.89784 $2.89943$	2·65	0.07929	0.48	2.89920	2.67	1.00314	0.03	0.00136	0.02	28
34	0.07962	0.48	2.90102	2.63	0.07958	0.48 0.50	2-90080	2·67 2·65	1.00318 1.00318	0-03 0-05	0.00137 0.00138	0.02	$\begin{bmatrix} 27 \\ 26 \end{bmatrix}$
85	0.07991	0.48	2.90260	2.62	0.08017	0.48	2.90399	2-63	1-00321	0.03		1	1
36	0.08020	0.48	2.90417	2.02	0.08046	0.48	2.00557	2.63	1.00323	0:05	0.00130	0.02	25 24
37	0.08049	0.48	2.90574	2.60	0.08075	0.48	2.90715	2.62	1.00326	0.08	0.00141	0.02	28
88	0.08078	0.48	2.90730	2.58	0.08104	0.50	2.90872	2.62	1.00328	0.03	0.00142	0.02	22
39	0.08107	0.48	2.00885	2.58	0.08134	0.48	2-91029	2.60	1.00330	0.05	0.00148	0.02	21
40	0.08136	0.48	2.91040	2.58	0.08103	0.48	2.01188	2.58	1.00833	0.03	0.00144	0.02	20
41	0.08165	0.48 0.48	2.91195 2.91349	$\frac{2.57}{2.55}$	0.08192	0.50	2-01840 2-01495	2.68	1.00885	0.03	0.00145	0.02	19
43	0.08223	0.48	2.91502	2.55	0.08221	0·50 0·48	2.01496	2 58 2 55	1.00337	0-05 0-03	0.00146	0.02	18 17
44	0.08252	0.48	2.91655	2.53	0.08280	0.48	2.91803	2.57	1.00342	0.05	0.00148	0.02	16
45	0.08281	0.48	2.91807	2.53	0.08309	0.50	2-91957	2.55	1.00345	0.03	0.00149	0.02	15
46	0.08310	0.48	2.91959	2.52	0.08339	0.48	2.92110	2.68	1.00347	0.05	0.00150	0.03	14
47	0.08339	0.48	2.92110	2.52	0.08368	0.48	2.92262	2.53	1.00850	$a_0$	0.00152	0.02	18
48	0.08368	0.48	2.92261 2.92411	2.50	0.08397	0.50	2.92414	2.52	1.00352	0.03	0.00158	0.02	12
40	0.08397	0.48		2.50	0.08427	0.48	2-92565		1.00354	0.08	0.00154	0.03	1
50 51	0.08426	0·48 0·48	2.92561 $2.92710$	2·48 2·48	0.08456	0.48	2.92716	2.50	1.00357	0.03	0.00155	0.02	10
52	0.08484	0.48	2.92710	2.47	0.08485	0.48 0.50	2.92866 2.93016	2.50 2.48	1.00359	0-08 0-08	0.00156 0.00157	0.02 0.02	8
53	0.08513	0.48	2.98007	2.45	0.08544	0.48	2.93165	2.47	1.00364	0.05	0.00158	0.02	7
54	0.08542	0.48	2.98154	2.45	0.08578	0.48	2.03313	2.48	1.00367	0.08	0.00159	0.02	6
55	0.08571	0.48	2.93301	2.45	0.08602	0.50	2.93462	2.45	1.00369	0.05	0.00160	0.02	5
56	0.08600	0.48	2.93448	2.43	0.08682	0.48	2.93609	2.45	1.00372	0.03	0.00161	0.02	4
57		0.48	2.93594 2.93740	2.43	0.08661	0.48	2.93756	2.45	1.00374	0.08	0.00162	0.02	8
58 59	0.08658	0·48 0·48	2.93740 2.93885	$\frac{2.42}{2.42}$	0.08690	0.50 0.48	2.93903 2.94049	2:43	1.00377	0.03	0.00168	0.02	1
60	0.08716		2.94080	w 7.4		0.40		2.43	1.00379	0.បក	0.00164	0.03	1.
	-	1/1 1/1	***************	*	0.08749	nousananananananananananananananananananan	2.94195	· · · · · · · · · · · · · · · · · · ·	1.00882	enga di pi	0.00166	San Supplement	0
<u></u>	Cos.	D. 1".	Log Cos,	D. I".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	1), 1",	Log Coseo	, D, 1".	

#### ONOMETRICAL FUNCTIONS & THEIR LOGS. 5°

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е.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D, 1".	Sec.	D. 1".	Log Sec.	D. 1".	
16	0.48	2.94030	2.40	0.08749	0.48	2.94195	2.42	1.00382	0.05			
45	0.48	$\frac{1}{2} \cdot 94174$	2.38	0.08778	0.48	$\frac{2}{2} \cdot 94340$	2.42	1.00385	0.03	0.00166 $0.00167$	$\begin{array}{c} 0.02 \\ 0.02 \end{array}$	60 59
74	0.48	2.94317	2.40	0.08807	0.50	$\frac{1}{2} \cdot 94485$	2.42	1.00387	0.05	0.00168	0.02	58
03	0.47	2.94461	2.37	0.08837	0.48	2.94630		1.00390	0.03	0.00169	0.02	57
31	0.48	2.94603	2.38	0.08866	0.48	2.94773	2.40	1.00392	0.05	0.00170	0.02	56
60	0.48	2.94746	2.35	0.08895	0.50	2.94917	2.38	1.00395	0.03	0.00171	0.02	55
89	0.48	2.94887	2.37	0.08925	0.48	2.95060	2.37	1.00397	0.05	0.00172	0.02	54
18	0.48	2.95029	2.35	0.08954	0.48	2.95202	2.37	1.00400	0.05	0.00173	0.03	53
47 76	0·48 0·48	$\frac{2.95170}{2.95310}$	$\frac{2.33}{2.33}$	0.08983	0.50	2.95344		1.00403	0.03	0.00175	0.02	52
	•			0.09013	0.48	2.95486	2.35	1.00405	0.05	0.00176	0.02	51
$\frac{05}{34}$	0·48 0·48	2.95450 2.95589	$\begin{array}{c} 2.32 \\ 2.32 \end{array}$	0.09042	0.48	2.95627	2.33	1.00408	0.05	0.00177	0.02	50
63	0.48	2.95728	$\frac{2.32}{2.32}$	0.09071	$0.50 \\ 0.48$	$\frac{2.95767}{2.95908}$	$2.35 \\ 2.32$	1.00411 1.00413	0.03	0.00178	0.02	49
92	0.48	2.95867	2.30	0.09130	0.48	$\frac{2}{2} \cdot 96047$	2.33	1.00416	0·05 0·05	0.00179 $0.00180$	$\begin{array}{c} 0.02 \\ 0.02 \end{array}$	48 47
21	0.48	2.96005	2.30	0.09159	0.50	$\frac{5}{2} \cdot 96187$	2.30	1.00419	0.03	0.00181	0.03	46
50	0.48	2.96143	2.28	0.09189	0.48	2.96325	2.32	1.00421	0.05	0.00183	0.02	45
79	0.48	2.96280	2.28	0.09218	0.48	2.96464	2.30	1.00424	0.05	0.00184	0.02	44
08	0.48	2.96417	2.27	0.09247	0.50	2.96602	2.28	1.00427	0.03	0.00185	0.02	43
37	0.48	2.96553	2.27	0.09277	0.48	2.96739	2.30	1.00429	0.05	0.00186	0.02	42
66	0.48	2.96689	2.27	0.09306	0.48	2.96877	2.27	1.00432	0.02	0.00187	0.02	41
95	0.48	2.96825	2.25	0.09335	0.50	2.97013	2.28	1.00435	0.05	0.00188	0.03	40
24	0.48	2.96960	2.25	0.09365	0.48	2.97150	2.25	1.00438	0.03	0.00190	0.02	39
53	0.48	2.97095	2.23	0.09394	0.48	2.97285	2.27	1.00440	0.05	0.00191	0.02	38
$\frac{82}{11}$	0.48	$\frac{2.07229}{2.07363}$	$\begin{array}{c} 2.23 \\ 2.22 \end{array}$	0.09423 0.09453	0.50 0.48	$\frac{2.97421}{2.97556}$	$\frac{2 \cdot 25}{2 \cdot 25}$	1.00448 1.00446	0·05 0·05	$0.00192 \\ 0.00193$	0.02 $0.02$	37 36
40	0.48	2.97496	2.22	0.09482				· .				
69	0.48	2.97430	2.22	0.09511	$0.48 \\ 0.50$	2.97691 $2.97825$	$2 \cdot 23$ $2 \cdot 23$	1.00449 $1.00451$	0.03	$0.00194 \\ 0.00196$	0·03 0·02	35
98	0.48	2.97762	2.20	0.09541	0.48	2.97959	2.23	1.00454	0.05	0.00197	0.02	34
27	0.48	2.97894	2.20	0.09570	0.50	2.98092	2.22	1.00457	0.05	0.00198	0.02	32
56	0.48	2.98026	2.18	0.09600	0.48	2.98225	2.22	1.00460	0.05	0.00199	0.02	31
85	0.48	2.98157	2.18	0.09629	0.48	$\overline{2} \cdot 98358$	2.20	1.00463	0.03	0.00200	0.03	30
1.1	0.47	2.98288	2.18	0.09658	0.50	2.98490	2.20	1.00465	0.05	0.00202	0:02	29
42	0.48	2.08419	2.17	0.09688	0.48	2.98622	2.18	1.00468	0.05	0.00203	0.02	28
71.	0.48	2.98549	2.17	0.09717	0.50	2.98753	2.18	1.00471	0.05	0.00204	0.02	27
00	0.48	2.98679	2.15	0.09746	0.50	2.98884	2.18	1.00474	0.05	0.00205	0.03	26
20	0.48	2.98808	2.15	0.09776	0.48	2.99015	2.17	1.00477	0.05	0.00207	0.02	25
58 87	0·48 0·48	2.98937 $2.99066$	$2.15 \ 2.13$	0.09805 0.09834	0.48 0.50	2.99145 $2.99275$	$2 \cdot 17$ $2 \cdot 17$	1.00480 1.00482	0·03 0·05	$0.00208 \\ 0.00209$	0.02 $0.02$	24
16	0.48	2.99194	2.13	0.09864	0.48	2.99405	2.15	1.00485	0.05	0.00209	0.02	$\begin{array}{c c}23\\22\end{array}$
46	0.48	2.99322	2.13	0.00803	0.50	2.99534	2.13	1.00488	0.05	0.00210	0.02	21
74	0.48	2.99450	2.12	0.09923	0.48	2.99662	2.15	1.00491	0.05	0.00213	0.02	20
$0\overline{3}$	0.48	2.99577	2.12	0.09952	0.48	2.99791	2.13	1.00494	0.05	0.00214	0.02	19
32	0.48	2.99704	2.10	0.09981	0.20	2.99919	2.12	1.00497	0.05	0.00215	0.03	18
61	0.48	2.99830	2.10	0.10011	0.48	1.00046	2.13	1.00500	0.05	0.00217	0.02	17
90	0.48	2.99956	2.10	0.10040	0.48	T·00174	2.12	1.00503	0.05	0.00218	0.02	16
10	0.48	1.00082	2.08	0.10069	0.50	1.00301	2.10	1.00506	0.05	0.00219	0.02	15
4x	0.48	1.00207	2.08	0.10099	0.48	1.00427	2.10	1.00509	0.05	0.00220	0.03	14
77	0·48 0·48	1.00332 1.00456	2·07	0.10128 $0.10158$	0.50 0.48	T·00558 T·00679	$2.10 \\ 2.10$	1.00512 1.00515	0.05 0.05	0.00222 $0.00223$	$0.02 \\ 0.02$	13 12
06 35	0.48	1.00480	2.08	0.10187	0.48	I.00805	2.10	1.00518	0.02	0.00223	0.02	11
		T.00704	1	0.10216	0.50	T.00930	2.08	1.00521	0.05	0.00225	0.03	
$\frac{64}{92}$	0·47 0·48	1.00704	2·07 2·05	0.10216	0.48	1.00030	2.08	1.00521	0.05	0.00225	0.03	10
$\tilde{21}$	0.48	1.00951	2.05	0.10275	0.50	T.01179	2.07	1.00527	0.05	0.00228	0.02	8
50	0.48	T-01074	2.03	0.10305	0.48	I.01303	2.07	1.00530	0.05	0.00229	0.03	7
79	0.48	I-01196	2.03	0.10334	0.48	1.01427	2.05	1.00533	0.02	0.00231	0.02	6
08	0.48	1.01318	2.03	0.10363	0.50	<u>T</u> .01550	2.05	1.00536	0.05	0.00232	0.02	5
37	0.48	T.01440	2.02	0.10393	0.48	I-01673	2.05	1.00539	0.05	0.00233	0.03	4
66	0.48	T-01561	2.02	0.10422	0.50	I-01796	2.03	1.00542	0.05	0.00235	0.02	3
95	0.48	1.01682	2.02	0.10452	0.48	T-01918	2.03	1.00545	0.05	0.00236	0.02	2
24	0.48	I.01803	2.00	0.10481	0.48	T.02040	2.03	1.00548	0.02	0.00237	0.03	1
53	MARINE WAS TO SERVE	T-01923	OFFICE THE STREET, MAN THE STREET, THE STR	0.10510	not be great the way	T.02162		1.00551		0.00239		_0
ļ.	D. 1".	Log Cos.	D. 1".	Cot.	D, 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D. 1".	,
			- ')									

						35. 377	Y (1)	15.17	l	75 1//	T (1		
<u></u>	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	17, 1,	Sec.	D. 1".	Log Sec.	D. 1".	
l o	0.10453	0.48	$\overline{1} \cdot 01923$	2.00	0.10510	0.50	1.02162	2.02	1.00551	0.05	0.00239	0.02	60
1	0.10482		1.02043	2.00	0.10540	0.48	1.02283	2.02	1.00554		0.00240	0.02	59
2	0.10511	0.48	1.02163	2.00	0.10569	0.50	1.02404	2.02	1.00557	0.05	0.00241	0.03	58
3	0.10540		1.02283	1.98	0.10599	0.50	1.02525	2.00	1.00560	0.05	0.00243	0.02	57
4	0.10569	0.47	1.02402	1.97	0.10628	0.48	1.02645	2.02	1.00563	0.02	0.00244	0.02	56
5	0.10597	0.48	T·02520	1.98	0.10657	0.50	1.02766	1.98	1.00566	0.02	0.00245	0.03	55
6	0.10626	0.48	T·02639	1.97	0.10687	0.48	1.02885	2.00	1.00569	0.07	0.00247	0.02	54
7	0.10655		<u>T</u> ·02757	1.95	0.10716	0.20	103005	1.98	1.00573	0.05	0.00248	0.02	53
8	0.10084		1.02874	1.97	0.10746	0.48	I-03124	1.97	1.00576	0.05	0.00249	0.08	52
9	0.10713	0.48	T·02992	1.95	0.10775	0.50	1.03242	1.98	1.00579		0.00251	0.02	51
10	0.10742		T.03109	1.95	0.10805	0.48	1.03361	1.97	1.00582	0.05	0.00252	0.02	50
11	0.10771	0.48	I-03226	1.93	0.10834	0.48	1.03479	1.97	1.00585	0.05	0.00253	0.08	49
12	0.10800		1.03342	1.93	0.10863	0.50	1.03597	1.95	1.00588	0.07	0.00255	0.02	48
13	0.10829		T.03458	1.98	$  0.10893 \\ 0.10922$	0·48 0·50	1.03714 $1.03832$	1.97 1.93	1.00592	0.05 0.05	0.00256 0.00258	0.03	47
14	0.10858		1.03574	1.93	1				l			0.02	46
15	0.10887	0.48	T.03690	1.92	0.10952	0.48	1.03948	1.95	1.00598	0.05	0.00259	0.02	45
16	0.10916		1.03805	1.92	0.10981	0.60	1.04065	1.09	1.00601	0.05	0.00260	0.03	44
17	0.10945	0.47	T-03920	1.00	0.11011	0·48 0·50	$1.04181 \\ 1.04297$	1.03 1.93	1.00604	0.07 0.05	0.00262 0.00263	0.02	43
18	0.110978		T.04034 T.04149	$\frac{1.92}{1.88}$	0.11040	0.48	1.04413	1.92	1.00611	0.05	0.00264	0·02 0·08	42
19	0.11002								i				41
20	0.11031	0.48	T-04262	1.90	0.11099	0·48 0·50	1.04643	1.92	1.00614	0.05	0.00266	0.02	40
21 22	0.11060		f-04376 f-04490	1.90 1.88	0·11128 0·11158	0.00	1.04758	$\frac{1.92}{1.92}$	1.00617 1.00621	0.07	0.00267 0.002 <b>6</b> 9	0.03	39
23	0.11089 0.11118	0·48 0·48	1.04603	1.87	0.11187	0.50	1.04878	1.90	1.00624	0.05	0.00270	0.03	88 37
24	0.11147	0.48	1.04715	1.88	0.11217	0.48	1.04987	1.90	1.00627	0.05	0.00270	0.03	36
1	1				0.11246	0.50	1.05101	1.88	1.00630	0.07			1
25 26	$0.11176 \\ 0.11205$	0·48 0·48	1.04828	$\frac{1.87}{1.87}$	0.11276	0.48	1.05214	1.90	1.00030	0.05	0.00273	0.02	85
27	0.11208		1.05052	1.87	0.11305	0.50	1.05328	1.88	1.00637	0.05	0.00276	0·03 0·02	34
28	0.11263	0.47	1.05164	1.85	0.11335	0.48	1.05441	1.87	1-00640	0.07	0.00277	0.03	82
29	0.11291	0.48	T.05275	1.85	0.11364	0.50	1.05553	1.88	1.00644	0.05	0.00279	0.02	81
30	0.11320	0.48	1.05886	1.85	0.11394	0.48	T-05666	1.87	1.00647	()-()5	0.00280	0.03	80
31	0.11349	0.48	Î.05497	1.83	0.11423	0.48	1.05778	1.87	1-00650	0.07	0.00282	0.03	29
82	0.11378	0.48	1.05607	1.83	0.11452	0.50	1.05890	1.87	1.00654	0.05	0.00283	0.02	28
83	0.11407	0.48	1.05717	1.83	0.11482	0.48	1.06002	1.85	1.00657	0.05	0.00284	0.08	27
34	0.11436	0.48	1.05827	1.83	0.11511	0.20	1.06113	1.85	1.00660	0.07	0.00286	0.02	26
35	0.11465	0.48	1.05937	1.82	0.11541	0.48	1.06224	1.85	1.00664	0.05	0.00287	0.08	25
86	0.11494	0.48	1.00046	1.82	0.11570	0.50	1.00335	1.83	1.00007	0.07	0.00289	0.02	24
87	0.11523	0.48	T-06155	1.82	0.11600	0.48	1.06445	1.85	1.00671	0.05	0.00290	0.03	23
88	0.11552	0.47	T-06264	1.80	0.11629	0.60	1.06556	1.83	1.00074	0.05	0.00292	0.02	22
89	0.11580	0.48	1.06372	1.82	0.11659	0.48	1.00000	1.82	1.00677	0.07	0.00293	0.03	21
40	0.11609	0.48	1.06481	1.80	0.11688	0.20	1.00775	1.83	1.00681	0.05	0.00295	0.02	20
41	0.11638	0.48	1.06589	1.78	0.11718	0.48	1.00885	1.82	1.00684	0.07	0.00296	0.03	19
42	0.11667	0.48	1.06696	1.80	0.11747	0.50	1.00994	1.82	1.00688	0.05	0.00298	0.02	18
48	0.11096	0.48	1.06804	1.78	0.11777	0.48	1.07103	1.80	1.00691	0.07	0.00299	0.03	17
44	0.11725	0.48	1.06911	1.78	0.11800	0.50	1.07211	1.82	1.00009	0.05	0.00301	0.02	16
45	0.11754	0.48	1.07018	1.77	0.11886	0.48	1.07820	1.80	1.00698	0.05	0.00302	0.03	15
46	0.11788	0.48	1.07124	1.78	0.11865	0.80	1.07428	1.80	1.00701	0.07	0.00304	0.02	1.4
47	0.11812	0.47	1 07231	1.77	0.11895	0.48	1.07536	1.78	1.00708	0.05	0.00305	0.08	13
48 49	0·11840 0·11869	0·48 0·48	I.07887 I.07442	1.75 1.77	$0.11924 \\ 0.11954$	0.50 0.48	1.07648	1.80	1.00708	0.07	0.00807	0.02	12
									1.00712	0.05	0.00808	0.08	l l
50 51	0.11898	0.48	T.07548 T.07653	1.75	0.11988	0.50	1.07858	1.77	1.00718	0.07	0.00810	0.02	10
52	0.11927 0.11956	0·48 0·48	1.07758	1.75 1.75	0·12018 0·12042	0.48	1.07964	1.78	1.00719	0.05	0.00311	0.03	9
58	0.11985	0.48	T-07868	1.75	0.12072	0.90 0.48	1.08071	1.77 1.77	1.00722	0.07	0.00318	0.02	8 7
54	0.12014	0.48	Î-07968	1.78	0.12101	0.50	1.08288	1.77	1.00726 $1.00730$	0.05	0.00314 0.00316	0.03	6
55	0.12048	0.47	T-08072	1.78			T-08389						
56	0.12071	0.48	I-08176	1.78	$0.12181 \\ 0.12160$	0·48 0·50	1.08495	1.77 1.75	1.00788	0.07	0.00317	0.03	5
57	0.12100	0.48	1.08280	1.72	0.12190	0.48	1.08600	1.75	1.00787	0.08 0.07	0.00319 0.00320	0.02	8
58	0.12129	0.48	1.08383	1.72	0.12210	0.50	1.08705	1.75	1.00744	0.07	0.00320	0.03	2
59	0.12158	0.48	1.08486	1.72	0.12249	0.48	1.08810	1.78	1.00747	0.07	0.00323	0.02	li
60	0.12187		I-08589		0.12278		1.08914	•	1.00751	,	0.00825		0
	. Control Property Con	***	te 100 Mars Page of the married and	terrorier constitution	www.spen.community.org.com	kuryndellengriftellige i v	Magazina di Karana da Karana		meren e e 1 100 m	alayan 1484 ya ing may kapanin y	and the same of th	- Leaville - Compa	-
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D, 1",	Cosec,	D. 1".	Log Covec.	D.1".	1

# ONOMETRICAL FUNCTIONS & THEIR LOGS. 7°

e.	7) 1"	Log Sin.	D. 1".	Ten	T) 1//	T "	75				<u> </u>	
				Tan.	D. I".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
.87	0.48	I.08589	1.72	0.12278	0.50	$\overline{1}$ .08914	1.75	1.00751	0.07			0-
216	0.48	T-08692	1.72	0.12308	0.50	1.09019	$\tilde{1}.73$	1.00755	0.07	0.00325 $0.00326$	0.02	60
245	0.48	1.08795	1.70	0.12338	0.48	<u>T</u> ·09123	1.73	1.00758	0.07	0.00328	0.03	59
874 809	0.48	1.08897	1.70	0.12367	0.50	1.09227	1.72	1.00762	0.05	0.00328	0.03	58 57
302	0.48	1·08999	1.70	0.12397	0.48	1.09330	1.73	1.00765	0.07	0.00331	0.02	56
831	0.48	1.09101	1.68	0.12426	0.50	Ī·09434	1.72	1.00769	0.07	0.00333	0.02	55
860 880	0.48	1.09202	1.70	0.12456	0.48	1.09537	1.72	1.00773	0.05	0.00333	0.02	54
189 118	$0.48 \\ 0.48$	I.09304 I.09405	1.68	0.12485	0.50	1.09640	1.70	1.00776	0.07	0.00334	0.03	53
147	0.48	1.09506	$\begin{array}{c} 1.68 \\ 1.67 \end{array}$	$0.12515 \\ 0.12544$	0.48	1.09742	1.72	1.00780	0.07	0.00337	0.03	52
			- 1	1	0.50	I.09845	1.70	1.00784	0.05	0.00339	0.03	51
176	$0.47 \\ 0.48$	1.09606	1.68	0.12574	0.48	1.09947	1.70	1.00787	0.07	0.00341	0.02	50
133	0.48	1.09707 $1.09807$	1.67	0.12603	0.48	T-10049	1.68	1.00791	0.07	0.00342	0.03	49
562	0.48	1.09807	$\frac{1.67}{1.65}$	$0.12633 \\ 0.12662$	0·48 0·50	1·10150 1·10252	1.69	1.00795	0.07	0.00344	0.02	48
591	0.48	1.10006	1.67	0.12692	0.50	1·10252 1·10353	1.68	1.00799	0.05	0.00345	0.03	47
320	0.48	T-10106		1			1.68	1.00802	0.07	0.00347	0.03	46
120 149	0.48	1.10106	1.65 1.65	$0.12722 \\ 0.12751$	0.48	T-10454	1.68	1.00806	0.07	0.00349	0.02	45
549 578	0.47	1.10208	1.63	$0.12751 \\ 0.12781$	$0.50 \\ 0.48$	I·10555	1.68	1.00810	0.05	0.00350	0.03	44
706	0.47	1.10304 $1.10402$	1.65	0.12781	0.48	1.10656 1.10756	$\begin{array}{c} 1.67 \\ 1.67 \end{array}$	1.00813	0.07	0.00352	0.02	43
735	0.48	1.10501	1.63	0.12840	0.48	1.10756	1.67	1.00817 1.00821	0.07	0.00353	0.03	42
764	0.48	1.10599	1.63	0.12869		I-10056			0.07	0.00355	0.03	41
793	0.48	1.10697	1.63	0.12869	0.50 0.50	1·10956 T·11056	$\frac{1.67}{1.65}$	1.00825	0.05	0.00357	0.02	40
322	0.48	1.10795	1.63	0.12899	0.48	1·11056	1.65 1.65	1.00828 1.00832	0.07	0.00358	0.03	39
851	0.48	1.10893	1.62	0.12020	0.50	T-11254	1.65	1.00832	0·07 0·07	0.00360	0.03	38
880	0.47	1.10990	1.62	0.12988	0.48	1.11353	1.65	1.00840	0·07 0·07	0.00362 0.00363	0.02	37
108	0.48	T-11087	1.62	0.13017	0.50	T·11452	1.65	1.			0.03	36
137	0.48	T-11184	1.62	0.13017	0.00	1.11452	1.63	1.00844 1.00848	0·07 0·05	0.00365	0.03	35
166	0.48	1.11281	1.60	0.13076	0.20	T-11649	1.63	1.00848	0·05 0·07	0.00367	0.03	34
195	0.48	1.11377	1.62	0.13106	0.20	1.11747	1.63	1.00855	0.07	0.00368 0.00370	0.03	33
24	0.48	1.11474	1.60	0.13136	0.48	1.11845	1.63	1.00859	0.07	0.00370	0·02 0·03	$\begin{array}{c} 32 \\ 31 \end{array}$
053	0.47	1.11570	1.60	0.13165	0.50	T·11948	1.62	1.00863	0.07	0.00371		
81	0.48	1.11666	1.58	0.13105	0.48	T-12040	1.63	1.00863	0.07	0·00373 0·00375	0·03 0·02	30
10	0.48	1.11761	1.60	0.13224	0.50	T-12138	1.62	1.00871	0.07	0.00375	0.02	29 28
39	0.48	1.11857	1.58	0.13254	0.50	I-12235	1.62	1.00875	0.05	0.00378	0.03	$\begin{array}{c} 28 \\ 27 \end{array}$
68	0.48	1.11952	1.58	0.13284	0.48	1.12332	1.60	1.00878	0.07	0.00380	0.03	26
97	0.48	1.12047	1.68	0.13313	0.50	T·12428	1.62	1.00882	0.07	0.00382	0.02	25
26	0.47	1.12142	1.57	0.13343	0.48	1.12525	1.60	1.00886	0.07	0.00382	0.02	25 24
554	0.48	1.12236	1.58	0.13372	0.50	1.12621	1.60	1.00890	0.07	0.00385	0.03	23
88	0.48	1.12331	1.57	0.13402	0.50	T-12717	1.60	1.00894	0.07	0.00387	0.02	22
112	0.48	1.12425	1.57	0.13432	0.48	T·12813	1.60	1.00898	0.07	0.00388	0.03	21
341	0.48	1.12519	1.55	0.13461	0.20	1.12909	1.58	1.00902	0.07	0.00390	0.03	20
70	0.48	1.12612	1.57	0.13491	0.50	1.13004	1.58	1.00906	0.07	0.00392	0.02	19
199	0.47	1.12706	1.55	0.18521	0.48	I.13099	1.58	1.00910	0.07	0.00393	0.03	18
27	0.48	1.12799	1.55	0.18550	0.50	1.18194	1.58	1.00914	0.07	0.00395	0.03	17
156	0.48	1.12892	1.55	0.18580	0.48	T-13289	1.58	1.00918	0.07	0.00397	0.03	16
185	0.48	1.12985	1.55	0.13609	0.50	I-13384	1.57	1.00922	0.07	0.00399	0.02	15
14	0.48	1.18078	1.55	0.13639	0.49	I-13478	1.58	1.00926	0.07	0.00400	0.03	14
48 72	0·48 0·47	$1.13171 \\ 1.13263$	1.58	0.18669	0.50	I-13578 I-13667	1.57	1.00930	0.07	0.00402	0.03	13
00	0.47	1·18208	1.58 1.53	0·13698 0·13728	0.50 0.50	1·18667 1·18761	1.57 1.55	1.00934	0·07 0·07	0.00404 0.00405	0·02 0·03	12
											i	11
29 KR	0.48	T-13447	1.53	0.13758	0.48	T-13854	1.57	1.00942	0.07	0.00407	0.03	10
158 187	0·48 0·48	1·13539 1·13630	1.52 1.53	0·18787 0·18817	0.50 0.48	T·13948 T·14041	1.55 1.55	1.00946 1.00950	0·07 0·07	0.00409 0.00411	$\begin{array}{c} 0.03 \\ 0.02 \end{array}$	8
116	0.47	1.13630	1.52	0.13817	0.20	1.14041 1.14134	1.55	1.00954	0.07	0.00411	0.02	7
44	0.48	1.13813	1.52	0.13876	0.50	I-14134	1.55	1.00958	0.07	0.00412	0.03	6
78	0.48	T-18904	- 1	0.13906	0.48	T·14320		1.00962	0.07	0.00416	0.03	5
73 302	0.48	I-18904 I-13994	1.50 1.52	0.13906	0.48	1·14820 T·14412	1.53 1.58	1.00962	0.07	0.00416	0.03	4
81	0.48	I-14085	1.50	0.13965	0.50	I-14412 I-14504	1.55	1.00970	0.08	0.00418	0.03	3
160	0.48	1.14175	1.52	0.13995	0.48	T-14597	1.52	1.00975	0.07	0.00421	0.03	2
89	0.47	T-14266	1.50	0.14024	0.20	Î-14688	1.53	1.00979	0.07	0.00423	0.03	ĩ
17	•	T-14856	- 7	0.14054	-	T·14780	- 1	1.00988		0.00425	į	0
~ f	Manager Manager - you have a	ersent i ventosem vasene	710/07/16-11-0VD-400/1601	-anger-co-serve-annu-cyreaseanti	Trumpled (Paper	mander control or the partners being		***************************************	T			
<b>.</b>	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D.1".	•

0	7 7 7 7 7	7011	OWE										~
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.13917	0.48	T·14356	1.48	0.14054		torne	1.53	1.00983		0.00425	0.02	60
1	0.13946	0.48	I-14445	1.50	0.14084	0.48	1.14872	1.52	1.00987	0.07	0.00426	0.03	59
2	0.13975	0.48	I-14535	1.48	0.14113	0.50	1.14963	$\begin{array}{c} 1.52 \\ 1.52 \end{array}$	1.00991 1.00995	0.07	$0.00428 \\ 0.00430$		58
3	0.14004	0.48	1.14624	1.50	0.14143	0.50	1.15054 1.15145	1.52	1.00999	0.08	0.00430	0.02	57
4	0.14033	0.47	1.14714	1.48	0.14173							0.03	56
5	0.14061	0.48	I-14803	1.47	0.14202	0.50	1.15236 $1.15327$	$\frac{1.52}{1.50}$	1.01004	0.07	$0.00434 \\ 0.00435$	0.02	55
6	0.14090	0.48	T·14891 T·14980	1.48 1.48	$0.14232 \\ 0.14262$	$0.50 \\ 0.48$	1.15417	1.52	1.01012	0.07	0.00437	0.03	54
8	0.14119	0·48 0·48	1.15069	1.47	0.14291	0.50	1.15508	1.50	1.01016	0.07	0.00439	0.03	53 52
9	0.14177	0.47	T-15157	1.47	0.14321	0.50	I-15598	1.50		0.07	0.00441	0.03	51
1	1	0.48	T-15245	1.47	0.14351	0.50	1-15688	1.48	1.01024	0.08	0.00443	0.02	50
10 11	$0.14205 \\ 0.14234$	0.48	1.15333	1.47	0.14381	0.48	1.15777	1.50	1.01029	0.07	0.00444	0.03	49
12	0.14263	0.48	1.15421	1.45	0.14410	0.50	1.15867	1-48	1-01033	0.07	0.00446	0.03	48
13	0.14292	0.47	T-15508	1.47	0.14440	0.50	1.15956	1.60		0.07	0.00448		47
14	0.14320	0.48	T·15596	1.45	0.14470	0.48	1-16046	1.48	1.01041	0.08	0.00450	0.03	46
115	0.14349	0.48	T-15688	1.45	0.14499	0.50	1.16135	1.48	1.01046	0.07	0.00452	0.03	45
16	0.14378	0.48	1.15770	$1 \cdot 45$	0.14529	0.50	1.16224	1.47	1.01050		0.00454	0.02	44
17	0.14407	0.48	1.15857	1.45	0.14559	0.48	1.16312	1.48		0.08	0.00455		48
18	0.14436	0.47	1.15944	1.43	0.14588	0.50 0.50	1.16401 $1.16489$	1.47	1+01059   1+01063	0.07	- 0.0045 <b>7</b> - 0.0045 <b>9</b>	0.03	42
19	0.14464	0.48	1.16030	1.48	0.14618								41
20	0.14493	0.48	T-16116	1.45	0.14648	0.50	1.16577	1.47	1.01067	0.07	0.00461	0.03	40
21	0.14522	0.48	1.16203 $1.16289$	$\frac{1.43}{1.42}$	0.14678 0.14707	0.48	1.16665	1.47	1.01076		- 0+00463 - 0+00465		89 38
$\begin{vmatrix} 22\\23 \end{vmatrix}$	$  0.14551 \\ 0.14580$	0.48	1.16374	1.43	0.14737	0.50	1-16841	1.45	1		0.00467	0.03	37
24	0.14608	0.48	1.16460	1.42	0.14767	0.48	1.16928	1.47	1.01084	0.08	0.00468		36
25	0.14637	0.48	T-16545	1.43	0.14796	0.50	1-17016	1.45	1-01089	0.07	0.00470		35
26	0.14666	0.48	1.16631	1.42	0.14826	0.50	1.17103	1.45			0.00472		34
27	0.14695	0.47	I-16716	1.42	0-14856	0.50	1.17190	1.45	1	0.08	0.00474		33
28	0.14723	0.48	1.16801	1.42	0.14886	0.48	1-17277	1.43	1.01102	0.07	0.00476	0.03	32
29	0.14752	0.48	T-16886	1.40	0.14915	0.50	1.17363	1.45	1.01106	0.08	0.00478	0.03	31
30	0.14781	0.48	1.16970	1.42	0-14945	0.50	1-17450	1.43	1-01111	0.07	0.00480	0.03	30
31	0.14810	0.47	1.17055	1.40	0.14975	0.50	1.17536	1.43	1	0.07	0.00483		
82	0.14838	0.48	I-17139	1.40	0.15005	0.48	1.17622	1.43	1		0.00483		28
188	0.14867	0.48	1.17223	1.40	0.15034	0.50	1-17708	1.43		0.07 0.08	0.00485		
34	0.14896	0.48	1.17307	1.40	0.15064	0.50	1.17794	1.43	1		0.00487	0.03	1
85	0.14925	0.48	1.17391	1.88	0.15094	0.50	1.17880	1.42	1.01188		0.00489		
36   37	$0.14954 \\ 0.14982$	()·47 ()·48	1.17474 1.17558	1.40	0.15124	0.48	- 1+17965 - 1+18054	1 · 4 3 1 · 4 2	1-01137	0.08 0.07	- 0:00491 - 0:00493	0.03	1
38	0.15011	0.48	1-17641	1.38	0.15183	0.50	1-18136	1.42	1.01146		0.00495		1
89	0.15040	0.48	1-17724	1.88	0.15213	0.60	1.18221	1.42	1.01151	0.07	0.00497	0.03	1
40	0.15069	0.47	f-17807	1.38	0.15243	0.48	1-18306	1.42	1.01155	0.08	0.00499	0.03	20
41	0.15097	0.48	1.17890	1.38	0.15272	0.50	1-18391		1.01160		0.00501	0.08	
42	0.15126	0.48	1.17973	1.37	0.15302	0.50	1-18475	1.42	1-01164	0.08	0.00503	0.03	18
43	0.15155	0.48	1.18055	1.37	0.15332	0.80	1.18560				0.00505	0.02	1 !
44	0.12184	0.47	1.18137	1.38	0.15362	0.48	1.18044	1 { ()	1.01173	0.08	0.00506	0.03	16
45	0.15212	0.48	1.18220	1.37	0.15391	0.50	1-18728				0.00508		
46	0.15241	0.48	1.18302	1.35	0.15421	0.50	1-18812				0.00510		
47	0.15270	0.48	1-18383 1-18465	1.87	0.15451	0.50	1-18896		1.01187	0:07 0:08	- 0:00512 - 0:00514		
49						0.48	filonds	1.98	1.01191		0.00514	0.03	111
50	0.15356		1 4 4		t .				(				1
51		0.48	1.18628 1.18709	1.35	0.15570	0.50	1 · 19146 1 · 19229	1.88 1.88		0.08	81800-0 02800-0		10
52	0.15414	0.47	T-18790	1.35	0.15600	0.80	1-19312			0.08	0.00522		8
53	0.15442	0.48	1.18871	1.35	0.15680	0.50	1.19395	1.88		0.08	0.00524	0.03	7
54	0.15471	0.48	T-18952	1.35	0.15660	0.48	1-19478	1.38		0.07	0.00526		6
55	0.15500	0.48	T-19033	1.33	0-15689	0.50	1-19561	1.37	1-01223	0.08	0.00528	0.03	5
56	0.15529	0.47	T-19113	1.33	0.15719	0.50	1-19643		1-01228	0.08	0.00530		4
57	0.15557	0.48	1.19198	1.33	0-15749	0.50	1-19725	1.37	1.01233	0.07	0.00532		8
58	0.15586	0.48	1.19273	1.33	0.15779	0.50	1-19807	1.37		0.08	0.00584	0.03	2
59	0.15615	0.47	1.19353	1.33	0.15809	0.48	1.19889	1.37	1-01242	80.0	0.00586		1
60	0.15648	plantike francosy k top som of page.	I-19433	the en steppings	0.15888	Normalis Chicolitics ergoss	1-19971	en	1 01247	agente d'annes, alle au	0.00538		- spanner
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Coseo.	D. 1".	Log Cose	, D.1".	,

#### ONOMETRICAL FUNCTIONS & THEIR LOGS. 9°

·.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
43	0.48	<u>T</u> ·19433		0.15838	0.50	<u>1</u> ·19971	1.37	1.01247	0.07	0.00538	0.03	60
$\begin{array}{c} 72 \\ 01 \end{array}$	0·48 0·48	1.19513 1.19592		0·15868 0·15898	$0.50 \\ 0.50$	1.20053 1.20134	1.35   1.37	1.01251 $1.01256$	0.08	0.00540	0.03	59 58
30	0.47	1.19672		0.15928	0.50	$\frac{1}{1} \cdot 20216$	1.35	1.01250 $1.01261$	$0.08 \\ 0.07$	0.00542 0.00544	0.03   0.03	57
58	0.48	T·19751	1.32	0.15958	0.50	1.20297	1.35	1.01265	0.08	0.00546	0.03	56
87	0.48	<u>1.19830</u>		0.15988	0.48	<u>1</u> ·20378	1.35	1.01270	0.08	0.00548	0.03	55
$\begin{array}{c} 1.6 \\ 45 \end{array}$	$0.48 \\ 0.47$	1.19909 1.19988		0·16017 0·16047	$0.50 \\ 0.50$	1.20459 1.20540	$\begin{array}{c} 1.35 \\ 1.35 \end{array}$	1.01275 $1.01279$	0·07 0·08	0.00550 $0.00552$	0.03   0.03	54 53
73	0.48	<u>1.20067</u>		0.16077	0.50	1.20621	1.33	1.01284	0.08	0.00554	0.03	52
02	0.48	1.20145	i	0.16107	0.50	T.20701	1.35	1.01289	0.08	0.00556	0.03	51
)31 )59	0·47 0·48	1.20223 $1.20302$	1.32   1.30	0.16137 $0.16167$	$0.50 \\ 0.48$	1.20782 1.20862	1.33	1.01294	0.07	0.00558	0.03	50
88	0.48	T-20302	1.30	0.16196	0.50	$\frac{1.20802}{1.20942}$	$1.33 \\ 1.33$	1.01298 $1.01303$	0·08 0·08	$0.00560 \\ 0.00562$	0.03	49
17	0.48	1.20458	1.28	0.16226	0.50	<u>T</u> ·21022	1.33	1.01308	0.08	0.00564	0.03	47
)46	0.47	T.20535	1.30	0.16256	0.50	T.21102	1.33	1.01313	0.07	0.00566	0.03	46
174 108	0.48	1.20613 1.20691	1.30   1.28	0.16286 $0.16316$	$0.50 \\ 0.50$	1.21182 T.21261	$\begin{array}{c} 1.32 \\ 1.33 \end{array}$	1.01317 $1.01322$	0·08 0·08	0.00568 0.00571	0.05   0.03	45 44
32	0.47	1.20768	1.28	0.16346	0.50	$I \cdot 21341$	1.32	1.01327	0.08	0.00573	0.03	43
160	0.48	1.20845	1.28	0.16376	0.48	1.21420	1.32	1.01332	0.08	0.00575	0.03	42
L89	0.48	1·20922 1·20999	1.28   1.28	0.16405	0.50	1.21499	1.32	1.01337	0.08	0.00577	0.03	41
$\begin{array}{c} 218 \\ 246 \end{array}$	0.48	1.21076	1.28	0.16435	$0.50 \\ 0.50$	1.21578 $1.21657$	$1.32 \\ 1.32$	1.01342 $1.01346$	$0.07 \\ 0.08$	0.00579	0.03	39
275	0.48	1.21153	1.27	0.16495	0.50	1.21736	1.30	1.01351	0.08	0.00583	0.03	38
304 333	0.48	$1.21229 \\ 1.21306$	1·28 1·27	0.16525	$0.50 \\ 0.50$	1.21814 $1.21893$	$1.32 \\ 1.30$	1.01356	0.08	0.00585 0.00587	0.03	37 36
361	0.48	T.21382		0.16585	0.50	T.21971	1.30	1.01366	0.08	0.00589	0.03	35
390	0.48	1.21458		0.16615	0.50	T-22049	1.30	1.01371	0.08	0.00591	0.03	34
419	0.47	1.21534		0.16645	0.48	1.22127	1.30	1.01376	0.08	0.00593	0·05   0·03	33 32
447	0.48	1.21610 $1.21685$		$0.16674 \\ 0.16704$	0.50	1.22205 $1.22283$	$1.30 \\ 1.30$	1.01381 1.01386	0.08	0.00596 $0.00598$	0.03	31
505	0.47	1.21761	1.25	0.16734	0.50	T-22361	1.28	1.01391	0.07	0.00600	0.03	30
533	0.48	1.21836		0.16764	0.50	1.22438	1.30	1.01395	0.08	0.00602	0.03	29
562	0.48	$\frac{1.21912}{1.21987}$		0.16794 0.16824	0.50	T·22516 T·22593	$1.28 \\ 1.28$	1.01400 $1.01405$	0.08	0.00604 0.00606	0.03	28 27
620	0.47	1.22062		0.16854	0.50	1.22670	1.28	1.01410	0.08	0.00608	0.03	26
648	0.48	T-22137	1.23	0.16884	0.50	1.22747	1.28		0.08	0.00610	0.03	25
677	0.48	1.22211		0.16914		1.22824 $1.22901$	$1.28 \\ 1.27$		0·08	0.00612 0.00615	$0.05 \\ 0.03$	$\begin{bmatrix} 24 \\ 23 \end{bmatrix}$
$706 \\ 734$	0.47	1.22280 1.22361		$0.16944 \\ 0.16974$		1.22977	1.28		0.08	0.00617	0.03	22
763		1.22435		0.17004	0.48	1.23054	1.27	1.01435	0.08	0.00619	0.03	21
792		1.22509		0.17033		I-23130	1.27		0.08	0.00621	0.03	20
849		1.22588		0.17063		1.23206 $1.23283$	$1.28 \\ 1.27$		0.08	0.00623 0.00625	0.03	19 18
878		1-22731		0.17128		T-23359	1.27	1.01455	0.08	0.00628	0.03	17
906	0.48	1.22805	1.22	0.17153	0.50	1.23435	1.25		0.10	0.00630	0.03	16
935		1.22878		0.17183		T.23510 T.23586			0.08	0.00632 0.00634	0.03	15 14
$964 \\ 992$		(+22951 (+2302)		$0.17213 \\ 0.17243$		1.23661	1.20		0.08	0.00636	0.03	13
021			1.22	0.17273	0.50	1.23737	1.25		0.08	0.00638	0.05	12
050				0.17303						0.00641	0.08	11
$078 \\ 107$				0·17333   0·17363						0.00643 0.00645	$0.03 \\ 0.03$	10
130				0.17393		1.24037	1.25	1.01501	0.08	0.00647	0.03	8
164				0.17423						0.00649 0.00652	$0.05 \\ 0.03$	6
193				0.17453		ecoli.				0.00654	0.03	5
222				0.17483						0.00656	0.03	4
279	0.48	1.23752	1.18	0.17548	0.50	I-24410	1.23	1.01527		0.00658	0.08	
308				0.17578						0.00660 0.00663	0.02	
'336 '366		1.23898 T.23967		0.17688		I-24632		1.01543		0.00665		0
ARTERNA PRO	PROCEST AND ADDRESS OF	danama wasanini se in	ALLOW CONTRACTORS	CARROLL CONTRACTOR AND AND ADDRESS AND ADD	and the second second second	Log Cot.		_		Log Cosec	. D. 1"	,
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1   17898	,	Sinc.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0.17499	0	0.17365	0.47	1.23967	1.20									60
1,7425		0.17393	0.48											
			-											
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Table   Color   Colo										}	0.08		1	
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0   0.77623   0.47   7.24607   1.7   0.17908   0.50   1.25292   1.22   1.01609   0.01   0.00685   0.08   1.0   0.07760   0.48   7.24748   1.7   0.17903   0.50   0.25437   1.22   1.01601   0.00   0.00690   0.03   4.0   1.0   0.07760   0.48   7.24888   1.7   0.18903   0.50   1.25510   1.20   1.01606   0.00   0.00690   0.03   4.0   1.0   0.007760   0.48   7.24888   1.7   0.18903   0.50   1.25528   1.22   1.01616   0.00   0.00690   0.03   4.0   1.0   0.007760   0.47   7.24988   1.7   0.18113   0.50   1.25727   1.20   1.01622   0.08   0.00690   0.05   4.0   0.00760   0.05   4.0   0.00760   0.05   0.00760   0.05   0.00760   0.05   0.00760   0.05   0.00760   0.05							0.50						0.03	
10   0.17080			0.47	1.24607	1.17	0.17908	0.50	1.25292	1.22	1			0.03	51
11   0-17680   0-47   1-24748   1-17   0-17003   0-50   1-25510   1-22   1-11606   0-08   0-00090   0-03   48   1-24818   1-17   0-18023   0-50   1-25510   1-22   1-11616   0-08   0-00090   0-08   48   1-2488   1-17   0-18023   0-50   1-25520   1-22   1-11616   0-10   0-00090   0-05   46   1-25060   0-17   0-16060   0-17   0-17   0-17   0-17   0-18   0-18   0-17   0-18   0-17   0-18   0-17   0-18   0-17   0-18	10	0.17651	0.48	1.24677	1.18	0.17933								
13   0.17778			0.47											
15   0.17703   0.48   1.24958   1.17   0.18058   0.50   1.20655   1.20   1.01616   0.10   0.00090   0.05   0.00090														
To   17770										1				
10   0.1782										i			ì	1 1
17   0.17862   0.44   1.25038   1.5   0.18143   0.60   1.254871   1.20   1.01633   0.08   0.00708   0.08   32   13   0.17800   0.47   1.25237   1.17   0.18173   0.50   1.25043   1.20   1.01638   0.08   0.00708   0.08   32   0.17937   0.48   1.25237   1.15   0.18233   0.50   1.26016   1.18   1.01643   0.10   0.00708   0.08   32   0.17937   0.48   1.25237   1.15   0.18233   0.50   1.26016   1.18   1.01645   0.08   0.00712   0.06   30   0.00705   0.08   32   0.17937   0.48   1.25614   1.15   0.18233   0.50   1.26029   1.20   1.01659   0.10   0.00715   0.08   32   0.1803   0.44   1.25683   1.5   0.18233   0.50   1.26030   1.18   1.01655   0.10   0.00715   0.08   32   0.1803   0.44   1.25683   1.5   0.18233   0.50   1.26030   1.18   1.01655   0.10   0.00715   0.08   32   0.1803   0.48   1.25790   1.13   0.18143   0.50   1.26030   1.18   1.01676   0.00   0.00719   0.05   33   0.1803   0.48   1.25897   1.13   0.18143   0.50   1.26036   1.18   1.01676   0.00   0.00719   0.05   33   0.1813   0.48   1.25927   1.13   0.18144   0.50   1.26585   1.18   1.01676   0.00   0.00724   0.08   32   0.18194   0.47   1.26038   1.13   0.18044   0.50   1.26036   1.18   1.01697   0.00   0.00724   0.08   33   0.1824   0.47   1.2003   1.13   0.18034   0.50   1.26236   1.18   1.01698   0.00   0.00724   0.03   33   0.1824   0.44   1.20190   1.13   0.18034   0.50   1.26236   1.18   1.01698   0.00   0.00736   0.00   33   0.1824   0.44   1.26198   1.13   0.18034   0.50   1.26237   1.17   1.01703   0.01   0.00736   0.03   32   0.1824   0.44   1.26198   1.13   0.18034   0.50   1.26237   1.17   1.01703   0.10   0.00736   0.05   33   0.1824   0.48   1.26237   1.13   0.18034   0.50   1.27008   1.17   1.01703   0.10   0.00736   0.05   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.00   0.00746   0.										I				
18										1 .				
10   17909   0-47   1-25307   1-16   0-18203   0-50   1-26015   1-18   1-01643   0-10   0-00708   0-008   1-10   0-17977   0-048   1-25376   1-15   0-18203   0-50   1-26168   1-18   1-01659   0-10   0-00716   0-08   40   0-17976   0-47   1-25614   1-15   0-18203   0-50   1-26168   1-18   1-01659   0-10   0-00716   0-08   38   39   39   30   30   30   30   30   30														
20								1.26015	1.18	1-01643	0.10	0.00708	0.08	41.
27 0.17366 0.48					1.15	0.18233	0.50	1-26086	1.20				0.03	40
22 0.17995 0.47 1.25514 1.15 0.1823 0.50 1.26329 1.20 1.01659 0.10 0.00717 0.03 37 0.1803 0.48 1.25652 1.15 0.1825 0.50 1.25301 1.18 1.01675 0.00 0.00717 0.03 37 0.1803 0.48 1.25652 1.15 0.1825 0.52 1.26372 1.18 1.01675 0.00 0.00719 0.00 36 0.00717 0.03 37 0.18136 0.48 1.25599 1.13 0.18144 0.50 1.26648 1.18 1.01676 0.00 0.00729 0.03 38 0.18166 0.48 1.25957 1.13 0.18474 0.50 1.26685 1.17 1.01687 0.00 0.00729 0.03 38 0.18166 0.48 1.25957 1.13 0.18474 0.50 1.26685 1.18 1.01698 0.00 0.00729 0.03 38 0.18195 0.48 1.25955 1.13 0.18474 0.50 1.26685 1.18 1.01698 0.00 0.00729 0.03 38 0.1824 0.47 1.26603 1.13 0.18546 0.50 1.26726 1.18 1.01698 0.00 0.00731 0.03 31 0.18252 0.48 1.26195 1.13 0.18546 0.50 1.26867 1.17 1.01709 0.00 0.00732 0.03 38 0.18264 0.47 1.26109 1.13 0.18546 0.50 1.26867 1.17 1.01709 0.00 0.00733 0.03 32 0.18264 0.47 1.26109 1.13 0.18546 0.50 1.26867 1.17 1.01709 0.00 0.00738 0.03 32 0.18890 0.48 1.26395 1.13 0.18624 0.50 1.26867 1.17 1.01709 0.00 0.00736 0.03 38 0.18590 0.48 1.26385 1.13 0.18624 0.50 1.26867 1.17 1.01720 0.00 0.00736 0.03 38 0.18590 0.48 1.26395 1.13 0.18624 0.50 1.27008 1.17 1.01725 0.00 0.00736 0.03 38 0.18590 0.48 1.26470 1.13 0.18624 0.50 1.27008 1.17 1.01725 0.00 0.00748 0.03 38 0.18590 0.48 1.26470 1.13 0.18624 0.50 1.27148 1.17 1.01725 0.00 0.00746 0.03 38 0.18590 0.48 1.26470 1.13 0.1875 0.50 1.27357 1.17 1.01744 0.00 0.00767 0.03 38 0.18452 0.48 1.26605 1.12 0.18755 0.50 1.27357 1.17 1.01743 0.00 0.00765 0.03 38 0.18452 0.48 1.26605 1.12 0.18755 0.50 1.27427 1.16 1.01743 0.00 0.00765 0.03 38 0.18452 0.48 1.26605 1.12 0.18855 0.50 1.27428 1.15 1.01744 0.00 0.00765 0.03 38 0.18452 0.44 1.26605 1.12 0.18855 0.50 1.27428 1.15 1.01749 0.10 0.00765 0.03 38 0.18557 0.48 1.26686 1.12 0.18855 0.50 1.27428 1.15 1.01749 0.10 0.00765 0.03 38 0.18557 0.48 1.26686 1.12 0.18855 0.50 1.27428 1.15 1.01749 0.10 0.00765 0.03 38 0.18650 0.48 1.26686 1.12 0.18855 0.50 1.27485 1.15 1.01749 0.10 0.00767 0.03 30 0.00767 0.03 10 0.00767 0.03 10 0.00767 0.03 10 0.00767 0.03 10 0.00767 0.03 10 0.00767 0.					1.15		0.50	1.26158	1.18				- 1	39
24 0.18052 0.48	22	0.17095				-								
25 0-18081 0-47 1-25721 1-15 0-18384 0-50 1-20443 1-18 1-01676 0-08 0-00722 0-03 35 26 0-18109 0-48 1-25790 1-13 0-18414 0-50 1-26514 1-18 1-01681 0-10 0-00724 0-08 32 32 0-18195 0-48 1-25858 1-15 0-18444 0-50 1-26565 1-17 1-01687 0-06 0-00723 0-08 32 32 0-18195 0-48 1-25995 1-13 0-18474 0-50 1-26655 1-18 1-01684 0-10 0-00723 0-08 32 1-01689 0-10 0-00723 0-08 32 1-01689 0-10 0-00731 0-03 10 0-18294 0-47 1-26003 1-13 0-18474 0-50 1-26865 1-17 1-01708 0-10 0-00731 0-03 10 0-18294 0-47 1-26190 1-13 0-18594 0-50 1-26767 1-17 1-01709 0-18 0-00731 0-03 13 0-18252 0-48 1-26193 1-13 0-18594 0-50 1-26867 1-17 1-01709 0-18 0-00733 0-05 32 0-18381 0-18252 0-48 1-26193 1-13 0-18594 0-50 1-26867 1-17 1-01709 0-18 0-00733 0-05 32 0-18381 0-18252 0-48 1-26193 1-13 0-18594 0-50 1-26867 1-17 1-01709 0-18 0-00733 0-05 32 0-18381 0-18390 0-48 1-26267 1-13 0-18654 0-50 1-27078 1-17 1-01725 0-10 0-00738 0-03 28 0-18385 0-48 1-26470 1-13 0-18654 0-50 1-27078 1-17 1-01725 0-10 0-00748 0-03 28 0-18652 0-48 1-26470 1-13 0-18765 0-50 1-27148 1-17 1-01736 0-10 0-00744 0-03 28 0-18452 0-48 1-26605 1-12 0-18765 0-50 1-27288 1-15 1-01742 0-8 0-00760 0-03 29 0-18452 0-48 1-26605 1-12 0-18765 0-50 1-27437 1-15 1-01745 0-10 0-00765 0-03 21 0-00764 0-00 1-26 0										ينقصونيا				. 1
26 0-18109 0-48 1-25790 1-13 0-18414 0-50 1-26514 1-18 1-01681 0-10 0-00724 0-08 34 27 0-18138 0-47 1-25858 1-15 0-18444 0-50 1-26565 1-17 1-01687 0-08 0-00725 0-03 32 29 0-18195 0-48 1-25995 1-13 0-18474 0-50 1-26665 1-18 1-01698 0-10 0-00729 0-03 32 0-1824 0-47 1-26063 1-13 0-18544 0-50 1-26726 1-18 1-01698 0-10 0-00729 0-03 32 0-1824 0-47 1-26131 1-13 0-18544 0-50 1-26726 1-18 1-01698 0-10 0-00729 0-03 32 0-1822 0-48 1-26395 1-13 0-18544 0-50 1-26726 1-18 1-01698 0-10 0-00729 0-03 32 0-1822 0-48 1-26131 1-13 0-18564 0-50 1-26687 1-17 1-01709 0-10 0-00736 0-03 29 0-1822 0-18	24	0.18052								1			4	
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56 0-18967 0-47 1-27799 1-08 0-19317 0-50 1-28596 1-12 1-01849 0-08 0-00796 0-08 4 57 0-18995 0-48 1-27864 1-10 0-19347 0-52 1-28662 1-13 1-01854 0-10 0-00798 0-03 8 58 0-19024 0-47 1-27980 1-08 0-19378 0-50 1-28730 1-13 1-01864 0-10 0-00800 0-05 2 50 0-19052 0-48 1-27996 1-08 0-19408 0-50 1-28798 1-12 1-01866 0-10 0-00803 0-03 1 60 0-190801 1-28060 0-19438 1-28865 1-01872 0-00803 0-03 1 1-01872 0-00805 0-05 1-01873 0-00805 0	54	l		No. on		0.19257	0.50			1				11
57 0-18995 0-48 1-27884 1-10 0-19347 0-52 1-28662 1-13 1-01854 0-10 0-00798 0-03 8 58 0-19024 0-47 1-27930 1-08 0-19378 0-50 1-28730 1-13 1-01860 0-10 0-00800 0-05 2 50 0-19052 0-48 1-27995 1-08 0-19408 0-50 1-28798 1-12 1-01866 0-10 0-00803 0-03 1 60 0-19081 T-28060 0-19438 T-28865 1-01872 0-00805 0-0    Cos.   D. 1",   Log Cos.   D. 1",   Type   D. 1",   Log Type   D. 1",   Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",   Log Cosee.   D. 1",	1									\$ ' ·				1
58 0-19024 0-47 1-27930 1-08 0-19378 0-50 1-28730 1-13 1-01860 0-10 0-00800 0-05 2 0-19052 0-48 T-27995 1-08 0-19408 0-50 1-28798 1-12 1-01866 0-10 0-00803 0-03 1 0-00803 0-008														1 -
50 0-19052 0-48 T-27995 1-08 0-19408 0-50 T-28798 1-12 1-01866 0-10 0-00803 0-03 1 60 0-19081 T-28060 0-19438 T-28865 1-01872 0-00805 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4													
60 0·19081 T·28060 0·19438 T·28865 1·01872 0·00805 0  Cos. D. 1". Log Cos. D. 1". Type D. 1". Log Type D. 1". Cosec. D. 1". Log Cosec. D. 1".														1 -
Cos. D. 1". Log Cos. D. 1". Type D. 1". Log Cos. D. 1". Log Cosec. D. 1". Log Cosec. D. 1". I		l		Para .	- 201	ı	G 97 11			1	-			0
		draphy to the second state of the second	nde and an analysis of the same	populary above no money sure; which	reading and their more	Transparagement	PROBLEM NORTH Z BANG	AND THE PROPERTY OF THE PARTY O		1			n was self-	,
MOO Decreased many Threeton below the test of the continue and the extremental	<u> </u>	( Con.	D. 1".		-				. I), I",	Canno.	$D, \Gamma'$	Log Coses	ı. 1), 1°,	

79° <sub>240</sub>

Proportional Parts of the 'Co.' Functions must be subtructed.

Proportional Parts of the other Functions must be added.

Cotan Cotan

#### ONOMETRICAL FUNCTIONS & THEIR LOGS. 11°

)	1011		CI O2.			,,,,,,,		~				
a <b>.</b>	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	_
81		<u>1</u> ·28060		0.19438	0.50	1.28865	1.13	1.01872	0.08	0.00805	0.05	60
09		1.28125		0.19468	0.50	1.28933	1.12	1.01877	0.10	80800.0		59
38		Í·28190 Í·28254		0·19498 0·195 <b>2</b> 9	$0.52 \\ 0.50$	$\frac{1.29000}{1.29067}$	$\begin{array}{c c} 1.12 \\ 1.12 \end{array}$	1.01883 $1.01889$	0.10 $0.10$	0.00810 $0.00813$	0.05	58 57
$\frac{67}{95}$		I.28319		0.19559	0.50	$\frac{1.29007}{1.29134}$	1.12	1.01895	0.10	0.00815	0.05	56
	_	I·28384	- 1	0.19589	0.50	T·29201	1.12	1.01901	0.08	0.00818	0.03	55
$\frac{24}{52}$		$1.28364 \\ 1.28448$		0.19619	0.50	$\frac{1.29201}{1.29268}$	$\frac{1.12}{1.12}$	1.01906	0.10	0.00820	0.05	54
81		1.28512		0.19649	0.52	1.29335	1.12	1.01912	0.10	0.00823	0.03	53
09		1.28577	1.07	0.19680	0.50	1.29402	1.10	1.01918	0.10	0.00825	0.05	52
38	0.47	1.28641	1.07	0.19710	0.20	1.29468	1.12	1.01924	0.10	0.00828	0.03	51
66	0.48	1.28705		0.19740	0.50	1.29535	1.10	1.01930	0.10	0.00830	0.05	50
95		1.28769		0.19770	0.52	1.29601	1.12	1.01936	0.08	0.00833	0.03	49
23		1.28833		0·19801 0·19831	0·50 0·5 <b>0</b>	$\frac{1.29668}{1.29734}$	1·10 1·10	1.01941 $1.01947$	$0.10 \\ 0.10$	0·00835 0·00838	$0.05 \\ 0.03$	48 47
$\begin{array}{c} 52 \\ 81 \end{array}$		$1.28896 \\ 1.28960$	1.07   1.07	0.19861	0.50	1.29800	1.10	1.01953	0.10	0.00840	0.05	46
			1	0.19891	0.50	T-29866	1.10	1.01959	0.10	0.00843	0.03	45
09		$1.29024 \\ 1.29087$	1.05	0.19921	0.50	1.29932	1.10	1.01965	0.10	0.00845	0.05	44
38 66		1.29067 $1.29150$		0.19952	0.50	T-29998	1.10	1.01971	0.10	0.00848	0.03	43
36		1.29214		0.19982	0.50	1.30064	1.10	1.01977	0.10	0.00850	0.05	42
23		1.29277	1.05	0.20012	0.20	1.30130	1.08	1.01983	0.10	0.00853	0.03	41
52	0.47	T-29340	1.05	0.20042	0.52	T-30195	1.10	1.01989	0.10	0.00855	0.05	40
80	0.48	1.29403	1.05	0.20073	0.20	1.30261	1.08	1.01995		0.00858	0.03	39
09		1.29466		0.20103	0.50	1.30326	1.08	1.02001		0.00860	0.05	38
37		1.29529		0.20138	0.52	1.30391	1.10	$  1.02007 \\   1.02013$		0.00863 0.00865	0·03   0·05	37 36
766		1.2959 t		0.20164	0.50	T-30457	1.08				i	
194	.,	T-29654		0.20194	0.50	1.30522 1.30587	1.08	1.02019 $1.02025$		0.00868 0.00870	0·03 0·05	35 34
123		1.29716 $1.29779$		0.20224 $0.20254$	0.50 0.52	1.30687 1.30652	1.08 1.08	1.02023		0.00873	0.05	33
851. 880	0.48	1.29779		0.20285	0.50	T-30717	1.08	1.02037		0.00876	0.03	32
08	0.48	1.29909		0.20315	0.20	T-30782	1.07	1.02048		0.00878	0.05	31
037	0.47	1.29960		0.20345	0.52	T-30846	1.08	1.02049	0.10	0.00881	0.03	30
966	0.48	1.30028		0.20376	0.52	T-30911	1.07	1.02055		0.00883	0.05	29
194	0.47	1.80090		0.20406	0.50	1.30975	1.08	1.02061		0.00886	0.03	28
022	0.48	1.30151		0.20436	0.20	1·31040	1.07	1.02067		0.00888	0.05	27 26
051	0.47	1.30213	3 1.03	0.20466	0.52	T-31104	1.07	1.02078		0.00891	0.05	
079	0.48	1.3027		0.20497	0.50	T-31168		1.02079		0.00894 0.00896	0.03 0.05	25 24
108	0.47	1.30330		0·20527   0·20557	0·50 0·52	$\frac{1.31233}{1.31297}$	1·07 1·07	1.02088		0.00899	0.03	23
136 165	()·48 ()·47	1·30398 1·30459		0.20588	0.50	T-31361				0.00901	0.05	22
193	0.48	1.3052		0.20618	0.50	T-31425		1.02108		0.00904	0.05	21
222	0.47	T-30583		0.20648	0.52	T-31489	1.05	1.02110	0.10	0.00907	0.03	20
250	0.48	1.30643		0.20679	0.50	1.31552		1.02110		0.00909	0.05	19
279	0.47	1.3070.		0.20709	0.50	1.31616				0.00912	0.08	1.8
307	0.48	1.3076		0.20739	0.52	I.81679		1.02128		0·00914 0·00917	0·05 0·05	17 16
336	0.47	1.30826		0.20770		I-31743						15
364	0.48	1.3088		0.20800		T-31806				0.00920 0.00922		14
393	0.47	1.3094		0.20830		T·31870 T·31933		1		0.00925		13
421	0.48	1.3100		$  0.20861 \\   0.20891$		1.31996				0.00928		12
450 478	0.47	1.8112				1.32059				0.00930		11
	0.47	1.8118		0.20952		T-32122		1.0217	1 0.12	0.00933	0.05	10
507 535		1.3125		0.20982		1.32185	1.05	1.0217	8 0.10	0.00936		9
563		T-3131		0.21018	0.50	1.32248				0.00938		
502	0.47	1.8187	0 - 1.00	0.21043		1.32311				0.00941 0.00944		
620	0.48	1.3143	0 1.00	0.21078								l l
649		f-3149		0.21104		B-100				0.00940 0.00949		
677		1.8154		0.21134						0.00952		
700		1.8160		0.21164								2
$\begin{array}{c} 734 \\ 763 \end{array}$		$13166 \\ 1.3172$		1								
		T-3178		0.21250		1.3274		1.0223	4	0.00960	)	0
1791	merica de reproductivo entre	A yer sampoyee tracks to	cure eternisment/fichicire	and - a surrough a product and production	The second secon	. Log Cot				Log Cose	o, D. 1"	·. •
os.	D, 1".	Log Co	s. D. L"	. Cot.				unt ha carl				70

12	IXI	GUI	MOMI			Lr	TIACI		10 CC	7 11	. 1111.	LUC	20
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".		D. 1".	
0 1 2 3	$\begin{array}{c} 0.20791 \\ 0.20820 \\ 0.20848 \\ 0.20877 \end{array}$	0·48 0·47 0·48 0·47	ī·31788 Ī·31847 Ī·31907 Ī·31966	0.98 1.00 0.98 0.98	0.21256 $0.21286$ $0.21316$ $0.21347$	0.50 0.50 0.52 0.50	1.32747 1.32810 1.32872 1.32933	1.05 1.03 1.02 1.03	1.02234 1.02240 1.02247 1.02253	0·10 0·12 0·10 0·10	0.00960 0.00962 0.00965 0.00968	0.03 0.05 0.05 0.03	59 58
4 5 6 7	$\begin{array}{c} 0.20905 \\ 0.20933 \\ 0.20962 \end{array}$	0·47 0·48 0·47 0·48	T·32025 T·32084 T·32143 T·32202	0.98 0.98 0.98 0.98	0.21377 $0.21408$ $0.21438$ $0.21469$	0.52 0.50 0.52 0.50	1.32995 1.33057 1.33119 1.33180	1.03 1.03 1.02 1.03	1.02259 1.02266 1.02272 1.02279	0·12 0·10 0·12 0·10	0.00970 0.00973 0.00976 0.00978	0.05 0.05 0.03 0.05	56 55 54 53
8 9 10 11	$\begin{array}{c} 0.21019 \\ 0.21047 \\ 0.21076 \end{array}$	0·47 0·48 0·47 0·47	$ar{1.32261}$ $ar{1.32319}$ $ar{1.32378}$ $ar{1.32437}$	0.97 0.98 0.98 0.97	$ \begin{vmatrix} 0.21499 \\ 0.21529 \\ 0.21560 \\ 0.21590 \end{vmatrix} $	0.50 0.52 0.50 0.52	1-33242 1-33303 1-33365 1-33426	1.02 1.03 1.02 1.02	1.02286 1.02291 1.02298 1.02304	0·10 0·12 0·10 0·12	0.00981 0.00984 0.00987 0.00989	0.05 0.05 0.03 0.05	52 51 50
12 13 14 15	$\begin{bmatrix} 0.21132 \\ 0.21161 \\ 0.21189 \end{bmatrix}$	0·48 0·47 0·48 0·47	1.32495 1.32553 1.32612 1.32670	0.97 0.98 0.97 0.97	0.21621 0.21651 0.21682 0.21712	0.50 0.52 0.50 0.52	1-33487 1-33548 1-33609 1-33670	1.02 1.02 1.02 1.02	1-02311 1-02317 1-02323 1-02330	0·10 0·10 0·12 0·10	0.00992 0.00995 0.00998 0.01000	0.05 0.05 0.03 0.05	48 47
10 17 18 19	$\begin{array}{c} 0.21246 \\ 0.21275 \\ 0.21303 \\ 0.21331 \end{array}$	0·48 0·47 0·47 0·48	1.32728 1.32786 1.32844 1.32902	0.97 0.97 0.97 0.97	0.21743 0.21773 0.21804 0.21834	0.50 0.52 0.50 0.50	1-33731 1-33792 1-33853 1-33913	1.02 1.02 1.00 1.02	1-02386 1-02343 1-02349 1-02356 1-02362	0·12 0·10 0·12 0·10 0·12	0.01003 0.01006 0.01009 0.01011 0.01014	0.05 0.05 0.03 0.05	44 43 42 41
20 21 22 23 24	$\begin{array}{c} 0.21388 \\ 0.21417 \\ 0.21445 \end{array}$	0·47 0·48 0·47 0·48 0·47	T·32960 T·33018 T·33075 T·33133 T·33190	0.97 0.95 0.97 0.95 0.95	$egin{array}{c} 0.21864 \\ 0.21895 \\ 0.21925 \\ 0.21956 \\ 0.21986 \\ \end{array}$	0.52 0.50 0.52 0.50 0.50	1-83974 1-84084 1-84096 1-84156 1-84215	1·00 1·02 1·00 1·00 1·02	1-02869 1-02875 1-02882 1-02888	0·10 0·12 0·10 0·12	0·01017 0·01020 0·01022 0·01025	0.05 0.05 0.03 0.05 0.05	39 38 37 36
25 26 27 28 29	$0.21530 \\ 0.21559 \\ 0.21587$	0·47 0·48 0·47 0·48 0·47	1.33248 1.33305 1.33362 1.33420 1.33477	0.95 0.95 0.97 0.95 0.95	$\begin{array}{c} 0.22017 \\ 0.22047 \\ 0.22078 \\ 0.22108 \\ 0.22139 \end{array}$	0.50 0.52 0.50 0.52 0.50	1-84276 1-84886 1-84896 1-84456 1-84516	1:00 1:00 1:00 1:00 1:00	1-02403 1-02403 1-02408 1-02415	0-12 0-10 0-12 0-10 0-12	0.01028 0.01031 0.01033 0.01036 0.01039	0.05 0.05 0.05 0.05	34 38 32 31
30 31 32 33 34	$\begin{array}{c} 0.21672 \\ 0.21701 \\ 0.21729 \end{array}$	0·47 0·48 0·47 0·48 0·47	T-83584 T-83591 T-88647 T-88704 T-88761	0.95 0.93 0.95 0.95 0.95	0.22169 $0.22200$ $0.22231$ $0.22261$ $0.22292$	0.52 0.52 0.50 0.52 0.50	1-34576 1-34635 1-34695 1-34755 1-34814	0.98 1.00 1.00 0.98 1.00	1-02428 1-02435 1-02441 1-02448 1-02454	0 12 0 10 0 12 0 10 0 12	0.01042 0.01045 0.01047 0.01050 0.01053	0.05 0.05 0.05 0.05	27 26
35 36 37 38 89		0·47 0·48 0·47 0·47 0·48	T-83818 T-88874 T-83931 T-83987 T-84048	0.98 0.95 0.93 0.93 0.95	0.22322 0.22353 0.22383 0.22414 0.22444	0.52 0.50 0.52 0.50 0.52	1:34874 1:34933 1:34992 1:35051 1:35111	80:0 80:0 80:0 1:00 80:0	1-02468 1-02468 1-02474 1-02481 1-02488	0-12 0-10 0-12 0-12 0-13	0.01056 0.01059 0.01062 0.01064 0.01067	0.05 0.05 0.03 0.05 0.05	25 24 23 22 21
40 41 42 43 44	0.22013	0·47 0·48 0·47 0·47 0·48	T·34100 T·84156 T·34212 T·34268 I·84324	0.93 0.93 0.93 0.93	0.22475 0.22505 0.22586 0.22567 0.22597	0.50 0.52 0.52 0.50 0.50	1-35170 1-35229 1-35288 1-35347 1-35405	0 98 0 98 0 98 0 97 0 98	1-02494 1 02501 1-02508 1-02515 1-02521	0 12 0 12 0 12 0 10 0 12	0-01070 0-01078 0-01076 0-01079 0-01081	0.05 0.05 0.05 0.03 0.05	19 18 17 16
45 46 47 48 49		0·47 0·47 0·48 0·47 0·48	1.34380 1.34436 1.34491 1.34547 1.84602	0.98 0.92 0.98 0.92 0.93	0.22628 0.22668 0.22689 0.22719 0.22750	0-50 0-52 0-50 0-52 0-52	1-35404 1-35523 1-35581 1-35640 1-35698	0 98 0 97 0 98 0 97 0 98	1 02528 1 02535 1 02542 1 02548 1 02555	0 12 0 12 0 10 0 12 0 12	0-01084 0-01087 0-01090 0-01098 0-01096	0.05 0.05 0.05 0.05 0.05	14 18
50 51 52 58 54	0.22212 0.22240 0.22268	0·47 0·47 0·48 0·47 0·47	T-34658 T-34718 T-34769 T-34824 T-34879	0.93 0.93 0.93	0.22781 0.22811 0.22842 0.22872 0.22872	0.50 0.52 0.50 0.52 0.52	1-35757 1-35815 1-35873 1-8038-1 24038-1	0.97 0.97 0.97 0.97 0.97	1-02562	0 12 0 12 0 10 0 12 0 12	0.01099 0.01102 0.01104 0.01107 0.01110	0.05 0.03 0.05 0.05 0.05	10 9 8 7 6
56 56 57 58	0.22353 0.22882 0.22410 0.22438	0·48 0·47 0·47 0·48	T-84984 T-84989 T-85044 T-85099	0.92 0.92 0.92 0.92	0·22984 0·22964 0·22995 0·23026	0.50 0.52 0.52 0.50	1-86047 1-86105 1-86163 1-86221	0.97 0.97 0.97 0.97	1-02596 1-02603 1-02610 1-02617	0 12 0 12 0 12 0 12	0.01113 0.01116 0.01119 0.01122	0.05 0.05 0.05 0.05	5 4 8 2
59 60	0·22467 0·22495	0.47	1.35154 T.35209	0.92	0.28056 0.23087	0.52	1-86279 1-86886	0.95	1-02624	0.10	0.01128	0.05	0
	Cos.	D. 1".	Log Cos.	D. 1".	Cat.	D. 1".	Log Cut.	1), 1",	Cusee,	D. 1".	Log Cosec	, D. 1".	1

#### ONOMETRICAL FUNCTIONS & THEIR LOGS. 13°

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١.	D. 1".	Log Sin.	D. 1".	Tan.	D.1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
95	0.47	$\underline{1}$ ·35209	0.90	0.23087	0.50	T-36336	0.97	1.02630	0.12	0.01128	0.05	60
23	0.48	1.35263		0.23117		1.36394	0.97	1.02637	0.12	0.01131	0.03	59
552	0.47	1.35318		0.23148		1.36452	0.95	1.02644	0.12	0.01133		58
180	$0.47 \\ 0.48$	$\frac{1.35373}{1.35427}$		)·23179 )·23209		1.36509	0.95	1.02651	0.12	0.01136		57
808						1·36566	0.97	1.02658	0.12	0.01139	1	56
337	0.47	1.35481		0.23240		T-36624	0.95	1.02665	0.12	0.01142		55
565 593	$0.47 \\ 0.48$	$\frac{1.35536}{1.35590}$		0·23271 0·23301		1.36681 1.36738	0.95	1.02672		0.01145		54
722	0.47	1.35644		0.23332	$0.52 \\ 0.52$	1.36795	0·95 0·95	1.02679 $1.02686$	$\begin{array}{c} 0.12 \\ 0.12 \end{array}$	0·01148 0·01151		53 52
750	0.47	1.35698		0.23363		1.36852	0.95	1.02693	0.12	0.01154		51
778	0.48	T-35752	0.90	0.23393		1·36909	0.95	1.02700	0.12	0.01157		50
807	0.47	1.35806		0.23424		T-86966	0.95	1.02707	0.12	0.01160		49
835	0.47	1.35860	0.90	0.23455	0.50	T·37023	0.95	1.02714	0.12	0.01163		48
863	0.48	1.35914		0.23485	0.52	1.37080	0.95	1.02721	0.12	0.01166		47
892	0.47	1.35968	0.90	0.23516	0.52	1.37137	0.93	1.02728	0.12	0.01169	0.05	46
920	0.47	1.36022	1	0.23547	0.52	1.37193	0.95	1.02735	0.12	0.01172		45
948	0.48	1.36075		0.23578	0.50	1.37250	0.93	1.02742	0.12	0.01175		44
977	0.47	1.36129		0.23608	0.52	1.37306 T.97909	0.95	1.02749	0.12	0.01178		43
$\begin{array}{c} 005 \\ 033 \end{array}$	0.47	1.36182 $1.36286$		0·23639 0·23670	$0.52 \\ 0.50$	1.37363 1.37419	0.93	1.02756 $1.02763$	$\substack{0.12\\0.12}$	0.01181 0.01184	0.05	42 41
		1.36289		0.23700	0.52	1.37476	0.93	1.02770	0.12	0.01187	0.05	40
$\begin{array}{c} 062 \\ 090 \end{array}$	0.47	1.36342		$0.23700 \\ 0.23731$	0.52	1.37476	0.93		$0.12 \\ 0.12$	0.01187	0.05	39
118	0.47	1.36391		0.23762	0.52	1.37588	0.93		0.12	0.01193	0.05	38
146	0.48	1.36449		0.23793	0.50	1.37644	0.93		0.13	0.01196	0.05	37
175	0.47	1.36501	88.0	0.23823	0.52	1.37700	0.93	1.02799	0.12	0.01199	0.05	36
203	0.47	1.86550	5 0.88	0.23854	0.52	T-37756	0.93	1.02806	0.12	0.01202	0.05	35
231	0.48	-1.36608		0.23885	0.52	1.37812	0.93		0.12	0.01205	0.05	34
260	0.47	1.36660		0.23916	0.50	1.37868	0.93		0.12	0.01208 0.01211	0.05	33
288	0.47	1.30713		0.23946	$0.52 \\ 0.52$	1.37924 1.37980	$0.93 \\ 0.92$	1	$\substack{0.12\\0.13}$	0.01211	0.05	$\begin{array}{c} 32 \\ 31 \end{array}$
316	0.48	1.36760	1	0.23977				1			0.05	30
345	().47	1.36819 $1.3687$		$0.24008 \\ 0.24039$	$0.52 \\ 0.50$	1.38035 $1.38091$	0.93		$0.12 \\ 0.12$	0.01217 $0.01220$	0.05	29
373	()·47 ()·47	1.3692		0.24069	0.52	1.38147	0.92		0.12	0.01223	0.05	28
429		1.3697		0.24100	0.52	1.38202	0.92		0.12	0.01226	0.05	27
458		1.3702		0.24131	0.52	1.38257	0.93	1.02870	0.13	0.01229	0.05	26
1486	0.47	1.3708	1 0.87	0.24162	0.52	1.38313	0.92	1.02878	0.12	0.01232	0.05	25
8514		1.3713	3 0.87	0.24193	0.50	1.38368			0.12	0.01235		24
8542				0.24223	0.52	1.38423				0.01238		23
3571	().47	1.3723		0.24254	0.52	I-38479 I-38534			$0.13 \\ 0.12$	$0.01241 \\ 0.01244$		$\begin{vmatrix} 22 \\ 21 \end{vmatrix}$
3599		,		0.24285	0.52					0.01247		20
3627				0.24316	0.52	T-38589 T-38644				0.01247		19
3656 3684				0.24347 0.24377	0.52	1.88699				0.01254		18
3712				0.24408	0.52	1.38754				0.01257		17
3740				0.24489	0.52	T-38808	0.92	2   1.02943	0.12	0.01260	0.05	16
8769	0.47	1.8760	0 0.87	0.24470	0.52	T-38868	0.92			0.01263		15
3797				0.24501	0.52	<u>1</u> .38918				0.01266		14
1288	5 0.47			0.24532		1.38972				0.01269		13 12
885				0.24562		T·39027 T·39082				0.01275		11
3882				0.24598						0.01278		1
3910				0.24624		T·89136 T·89196						
8938 3966				0.24655		1.8924						8
399				0.24717		T 39298		0 1.03009	0.13	0.01288		
402				0.24747				0 1.03017	0.12			1
405		100		0.24778	0.52							
407				0.24808	0.52							
410	8 0.47	7 1.3821				1.3951						
413							9 0·9 8 0·9					
416				1				1.0306		0.0131		1
419	2	1.3830	38	0.24988	<u>,</u>	I.3967	-			deligant of the State of the Control		
Cost,	D. 1	". Tog C	s. D.1"	. Cot.	D. 1"	. Log Cut	. D. 1	". Cosec.	D. 1"	. Log Cos	ec. 1).1'	'.  <i>'</i>
									4	,		76

14	1 1/1	<u> </u>	AOM										<u></u>
'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	1). 1".	Log See.	D. 1".	
0	0.24192	0.47	$\overline{1} \cdot 38368$	0.83	0.24933	0.52	1.39677	0.90	1.03061	0.13	0.01310	0.05	60
1	0.24220	0.48	1.38418	0.85		0.52	1 39731	0.90	1.03069 1.03076	$0.12 \\ 0.13$	0.01313 0.01316	0.05	59
2	0.24249	0.47	1.38469	0.83	0.24995	0·52 0·50	$\frac{1.39785}{1.39838}$	0.90	1.03084	0.12	0.01316	0.05	58
3	0.24277	0.47	1.38519 1.38570	$0.85 \\ 0.83$	0.25056	0.52	1.39892	0.88	1.03091	0.13	0.01322	0.05	57 56
4	0.24305	0.47	1.38620		0.25087	0.52	1.39945	0.90	1.03099	0.12	0.01325	0.07	1 I
5	0.24333 0.24362	$0.48 \\ 0.47$	1.38670	0.83 0.85	0.25118	0.52	1.39999	0.88	1.03106	0.13	0.01329	0.07	55 54
$\frac{6}{7}$	0.24390	0.47	1.38721	0.83	0.25149	0.52	1.40052	0.00	1.03114	0.12	0.01332	0.05	53
8	0.24418	0.47	1.38771	0.83	0.25180	0.52	1.40106	0.88	1.03121	0.13	0.01335	0.05	52
9	0.24446	0.47	1.38821	0.83	0.25211	0.52	1.40159	0.88	1.03129	0.13	0.01338	0.05	51
10	0.24474	0.48	1.38871	0.83	0.25242	0.52	1.40212	0.00	1.03137	0.12	0.01341	0.05	50
11	0.24503	0.47	1.38921	0.83	0.25273	0.52	1.40266	0.88	1.03144	0.13	0.01344	0.07	49
12	0.24531	0.47	1 38971	0.83	0.25304	0.52	1.40319	0.88	1.03152	0.12	0.01348 0.01351	0.05	48
13	0.24559	0.47	1.39021	0.83 0.83	0.25335	0.52 0.52	1.40372 $1.40425$	88.0	1.03167	0.13	0.01354	0.05	47
14	0.24587	0.47	1.39071		l	0.52	1.40478	0.88	1.03175	0.12	0.01357		46
15	0.24615	0.48	1 39121	0.82 0.83	0.25397 0.25428	0.02	1.40531	0.88	1.03182	0.13	0.01360	0.05	45
16 17	0.24644	0·47 0·47	1.39170 $1.39220$	0.83	0.25459	0.52	1-40584	0.87	1.03190	0.12	0.01364	0.05	43
18	0.24700	0.47	1.39270	0.82	0.25490	0.52	1.40636	0.88	1.03197	0.13	0.01367	0.05	42
19	0.24728	0.47	1.39319	0.83	0.25521	0.52	1.40689	0.88	1.03205	0.13	0.01370	0.05	41
20	0.24756	0.47	1.39369	0.82	0.25552	0.52	1-40742	0.88	1.03213	0.12	0.01373	0.07	40
21	0.24784	0.48	1.39418	0.82	0.25583	0.52	1.40795	0.87	1.03220	0.13	0.01377	0.05	39
22	0.24813	0.47	1.39467	0.83	0.25614	0.52	1.40847	0.88	1.03228	0.13	0.01380	0.05	38
23	0.24841	0.47	1.39517	0.82	0.25645	0.52	1.409052	0.87 0.88	1-03236 1-03244	0.13	0.01383	0.05	37
24	0.24869	0.47	1.39566	0.82	0.25676	0.52		- 1				1	36
25	0.24897	0.47	1.89615	0.82	0.25707	0.52 0.52	1.41005	0.87 0.87	1-03251 1-03259	0.13	0.01390	0.05	35
$\frac{26}{27}$	0.24925	0·48 0·47	1.39664 $1.39713$	0·82 0·82	0.25769	0.52	1.41109	0.87	1.03267	0.13	0.01396	0.05	34
28	0.24082	0.47	1.39762	0.82	0.25800	0.52	1-41161	0.88	1.03275	0.12	0.01399	0.07	32
29	0.25010	0.17	1.39811	0.82	0.25831	0.52	1-41214	0.87	1.03282	0.13	0.01403	0.05	31
30	0.25038	0.47	1.89860	0.82	0.25862	0.52	1.41266	0.87	1-03290	0.13	0.01406	0.05	30
31	0.25066	0.47	1.39909	0.82	0.25893	0.52	1-41318	0.87	1.03298	0.13	0.01409	0.05	29
32	0.25094	0.47	1.39958	0.80	0.25924		1.41370	0.87	1.03306	0.13	0.01412		28
33	0.25122	0.48	1.40006	0.82	0.25955	0.52	1.41422	0.87	1.03313	0.13	0.01416		27
34	0.25151	0.47	1.40055	0.80	0.25986	0.52	1.41474	0.87	1.03321	0.13	0.01419	- 1	26
35	0.25179	0.47	1.40103	0.82	0.26017	0.52	1.41526	0.87	1.03329	0.13	0.01422		25
36 37	0.25207 0.25235	0·47 0·47	1.40152 $1.40200$	0.80 0.82	0.26048	0.52 0.52	1.41678	0.85	1.08887 1.08845	0·13 0·13	0.01426		24 23
38	0.25263	0.47	1.40249	0.80	0.26110	0.52	1.41681	0.87	1.08353	0-12	0.01432	0.05	22
89	0.25291	0.48	1.40297	0.82	0.26141	0.52	1.41733	0.86	1.03360	0.13	0.01435	1	21
40	0.25320	0.47	1.40346	0.80	0.26172	0.52	1-41784	0.87	1-08868	0.13	0-01439	0.05	20
41	0.25348	0.47	1.40394	0.80	0.26203	0.53	1-41836	88.0	1.08376	0.13	0.01442	0.05	19
42	0.25376	0.47	1.40442	0.80		0.52	1-41887	0.87	1.03384	0.13	0.01445	0.07	18
48	0.25404	0.47	1.40490	0.80	0.26266	0.52	141939	0.85	1-03302	0.13	0.01449	0.05	17
44	0.25432	0.47	1.40588	0.80	0.26297	0.63	1.41990	0.85	1.03400	0.13	0.01452	0.05	10
45	0.25460	0.47	1.40586	0.80	0.26328 0.26359	0·52 0·52	1.42041	0.87	1.03408	0.13	0.01455	0.07	15
46	0.25488	0.47	1.40682	0.80		0.52	1-42098	0.85 0.85	1.03416	0.13	0.01462		14 13
48	0.25545	0.47	1.40730		0.26421	0.52	1.42195		1.03432	0.12	0.01465	0.07	
49		0.47	1.40778	0.78	0.26452	0.52	1.42246		1.03439	0.13	0.01469	0.05	
50	0.25601	0.47	1.40825	0.80	0.26483	0.53	1.42297	0.85	1-03447	0.13	0.01472	0.05	10
51	0.25629	0.47	1.40878	0.80	0.26515	0.52	1.42348		1.08455	0.13	0.01475	0.07	9
52	0.25657	0.47	1.40921	0.78	0.26546	0.52	1.42399	0.86	1.03463	0.13	0.01479	0.05	8
53 54	0.25685	0·47 0·47	1.40968 1.41016	0.80 0.78	0.26577 0.26608	0·52 0·52	1.42450 1.42501	0.85 08-0	1.03471	0-13 0-13	0.01482	0.05	7
1	1			1				1				1	1
55 56	0.25741	0·47 0·48	T-41063 1-41111	0.80 0.78	0.26689 0.26670	0.52 0.52	1.42552 1.42608	0.85 0.83	1.03487 1.03495	0-13 0-13	0.01489	0.05	4
57	0.25798	0.47	1.41158	0.78	0.26701	0.53	1.42653	0.85	1.03503	0.13	0.01495	0.07	3
58	0.25826	0.47	1.41205	0.78	0.20788	0.52	1.42704	0.85	1.03511	0.15	0.01499	0.05	2
59	0.25854	0.47	1.41252	0.80	0.26764	0.52	1.42755	0.83	1.03520	0.13	0.01502	0.07	1
60	0.25882	authoritanis and a second	1.41300		0.26795		1-42805		1.03528		0.01506		0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec,	D. 1".	Log Coseo	. D. 1".	,
_						-		-	AND DESCRIPTION OF THE PARTY OF	-	_		

#### ONOMETRICAL FUNCTIONS & THEIR LOGS. 15°

е.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
82	0.47	1.41300	0.78	0.26795	0.52	$\overline{1}$ ·42805	0.85	1.03528	0.13	0.01506	0.05	60
10	0.47	1.41347	0.78	0.26826	0.52	1.42856	0.83	1.03536	0.13	0.01509	0.05	59
38	0.47	1.41394	0.78	0.26857	0.52	1.42906	0.85	1.03544	0.13	0.01512	0.07	58
166	0.47	1.41441	0.78	0.26888	0.53	1.42957	0.83	1.03552	0.13	0.01516	0.05	57
94	0.47	1.41488	0.78	0.26920	0.52	1.43007	0.83	1.03560	0.13	0.01519	0.07	56
$\frac{122}{50}$	$0.47 \\ 0.48$	1.41535 1.41582	0·78 0·77	$0.26951 \\ 0.26982$	$\begin{array}{c} 0.52 \\ 0.52 \end{array}$	$\frac{1.43057}{1.43108}$	0.85	1.03568	0.13	0.01523	0.05	55
79	0.47	1.41628	0.78	0.27013	0.52	1.43108	0.83 0.83	$1.03576 \\ 1.03584$	$\begin{array}{c} 0.13 \\ 0.13 \end{array}$	0.01526	0.05	54
.07	0.47	1.41675	0.78	0.27044	0.53	1·43208	0.83	1.03592	0.15	$0.01529 \\ 0.01533$	0·07 0·05	53 52
35	0.47	1.41722	0.77	0.27076	0.52	1.43258	0.83	1.03601	0.13	0.01536	0.07	51
.63	0.47	1.41768	0.78	0.27107	0.52	1.43308	0.83	1.03609	0.13	0.01540	0.05	50
.91	0.47	1.41815	0.77	0.27138	0.52	1.43358	0.83	1.03617	0.13	0.01543	0.07	49
119	0.47	1.41861	0.78	0.27169	0.53	1.43408	0.83	1.03625	0.13	0.01547	0.05	48
47	0.47	1.41908	0.77	0.27201	0.52	1 43458	0.83	1.03633	0.15	0.01550	0.05	47
75	0.47	1.41954	0.78	0.27232	0.52	1.43508	0.83	1.03642	0.13	0.01553	0.07	46
103	0.47	1.42001	0.77	0.27263	0.52	1.43558	0.82	1.03650	0.13	0.01557	0.05	45
31	0.47	1.42047	0.77	0.27294	0.53	1.43607	0.83	1.03658	0.13	0.01560	0.07	44
59	$0.47 \\ 0.47$	1.42093 $1.42140$	0·78 0·77	0.27326	0.52	1.43657	0.83	1.03666	0.13	0.01564	0.05	43
187 115	0.47	1.42186	0.77	$0.27357 \\ 0.27388$	$0.52 \\ 0.52$	1.43707 1.43756	0·82 0·83	1.03674 $1.03683$	$0.15 \\ 0.13$	0.01567	0.05	42
										0.01571	0.05	41
43	0·47 0·48	$\frac{1.42232}{1.42278}$	0.77	0.27419	$0.53 \\ 0.52$	1.43806	0.82	1.03691	0.13	0.01574	0.05	40
71. 00	0.48	1.42324	$0.77 \\ 0.77$	$0.27451 \\ 0.27482$	0.52	1.43855 $1.43905$	0.83 0.82	1.03699 1.03708	$0.15 \\ 0.13$	$0.01578 \\ 0.01581$	0·05 0·07	39 38
28	0.47	1 42370	0.77	0.27513	0.53	1.43954	0.83	1.03708	0.13	0.01581	0.07	37
56	0.47	1.42416	0.75	0.27545	0.52	1.44004	0.82	1.03724	0.13	0.01588	0.05	36
84	0.47	1.42461	0.77	0.27576	0.52	1.44053	0.82	1.03732	0.15	0.01591	0.07	35
12	0.47	1.42507	0.77	0.27607	0.52	1.44102	0.82	1.03741	0.13	0.01595	0.05	34
40	0.47	1.42553	0.77	0.27638	0.53	1.44151	0.83	1.03749	0.13	0.01598	0.07	33
68	0.47	1.42599	0.75	0.27670	0.52	1.44201	0.82	1.03757	0.15	0.01602	0.05	32
96	0.47	1.42644	0.77	0.27701	0.52	1.44250	0.82	1.03766	0.13	0.01605	0.07	31
24	0.47	1.42690	0.75	0.27732	0.23	1.44299	0.82	1.03774	0.15	0.01609	0.05	30
52	0.47	1.42735	0.77	0.27764	0.52	1.44348	0.82	1.03783	0.13	0.01612	0.07	29
(80	0.47	1 42781	0.75	0.27795	0.52	1.44397	0.82	1.03791	0.13	0.01616	0.05	28
808	0·47 0·47	1.42826	0.77	0.27826	0.53	1.44446	0.82	1.03799 1.03808	0·15 0·13	0.01619	0.07	27
136		1 42872	0.75	0.27858	0.52	1.44495	0.82			0.01623	0.07	26
104 192	0·47 ()·47	$1.42917 \\ 1.42902$	0.75	$0.27889 \\ 0.27921$	$0.53 \\ 0.52$	1.44544 1.44592	0.80 0.82	1.03816 1.03825	$0.15 \\ 0.13$	$0.01627 \\ 0.01630$	0·05 0·07	25 24
20	0.47	1.43008	0.75	0.27952	0.52	1.44641	0.82	1.03833	0.15	0.01634	0.05	23
48	0.47	1.43053	0.75	0.27983	0.53	1 44690	0.80	1.03842	0.13	0.01637	0.07	22
76	0.47	1.43098	0.75	0.28015	0.52	1.44738	0.82	1.03850	0.13	0.01641	0.05	$\overline{21}$
04	0.47	1.43143	0.75	0.28046	0.52	1.44787	0.82	1.03858	0.15	0.01644	0.07	20
32	0.47	1.43188	0.75	0.28077	0.53	1.44836	0.80	1.03867	0.13	0.01648	0.05	19
60	0.47	1.43233	0.75	0.28109	0.52	1.44884	0.82	1.03875	0.15	0.01651	0.07	18
88	0.47	1.43278	0.75	0.28140	0.23	I-44988	0.80	1.03884	0.13	0.01655	0.05	17
16	0.47	1.43323	0.73	0.28172	0.52	1.44981	0.80	1.03892	0.15	0.01658	0.07	16
44	0.47	1.48367	0.75	0.28203	0.52	1.45029	0.82	1.03901	0.13	0.01662	0.07	15
72	0.47	1.43412	0.75	0.28234	0.53	1.45078	0.80	1.03909	0.15	0.01666	0.05	14
00	0.47	1.48457	0.75	0.28266	0.52	1.45126	0.80	1.03918	0.15	0.01669	0.05	13
28 56	0·47 0·47	1·48502 1·48546	0.73	0.28297 0.28329	0·53 0·52	$1.45174 \\ 1.45222$	0.80 0.82	1.03927 $1.03935$	$0.13 \\ 0.15$	$0.01678 \\ 0.01676$	0.05	12   11
84		1.43591	0.73	0.28860			I		-	0.01680		10
12	0.47	1.48635	0.75	0.28391	0.53	1.45319	0.80		0.15	0.01683	0.07	10
40	0.47	1.43680	0.73	0.28423	0.52	1.45367	0.80	1.03961	0.13	0.01687	0.07	8
68	0.47	1.43724	0.75	0.28454	0.53	1.45415	0.80	1.03969	0.15	0.01691	0.05	7
96	0.47	1.48769	0.73	0.28486	0.52	1.45463	0.80	1.03978	0.15	0.01694	0.07	6
24	0.47	1.43813	0.73	0.28517	0.53	T-45511	0.80	1.03987	0.13	0.01698	0.05	5
52	0.47	1.43857	0.73	0.28549	0.52	1.45559	0.78	1.03995	0.15	0.01701	0.07	4
80	0.47	1.43901	0.75	0.28580	0.23	T-45606	0.80	1.04004	0.15	0.01705	0.07	3
80	0.47	1.48946	0.73	0.28612	0·52 0·53	1·45654 1·45702	0.80 0.80	1.04018 $1.04021$	0·13 0·15	$0.01709 \\ 0.01712$	0.05 0.07	1
36	0.47	1.43990	0.73	0.28648	0.09	T-45750	0.00	1.04030	0.10	0.01716	401	0
64	L 20 YEAR NIME OF A PERSONNEL STREET	1.44084		0.28675							T' - 1	
١,	D. 1".	Log Cos.	D. 1".	Cot.	ນ. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D. 1".	,

10			AOTATT						<del></del>			200	<i>ن</i> .
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D, 1",	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2	0·27564 0·27592 0·27620	0·47 0·47 0·47	$\begin{array}{c} 1.44034 \\ 1.44078 \\ 1.44122 \end{array}$	0·73 0·73 0·73	0.28675 $0.28706$ $0.28738$	0·52 0·53 0·52	1.45750 1.45797 1.45845	0.78 0.80 0.78	1.04030 1.04039 1.04047	0·15 0·13 0·15	0·01716 0·01719 0·01723	0·05 0·07 0·07	59
3 4 5	0.27648 0.27676 0.27704	0·47 0·47 0·45	T·44166 T·44210 T·44253	0·73 0·72 0·73	0.28769 0.28801 0.28832	0.53 0.52 0.53	1.45892 1.45940 1.45987	0.80 0.78 0.80	1.04056 1.04065 1.04073	0·15 0·13 0·15	0·01727 0·01730 0·01734	0.05 0.07	57
6 7 8	0.27731 0.27759 0.27787	0·47 0·47 0·47	T·44297 1·44341 T·44385	0·73 0·73 0·72	0.28864 $0.28805$ $0.28927$	0·52 0·53 0·52	$\begin{array}{c} 1.46035 \\ 1.46082 \\ 1.46130 \end{array}$	0.78 0.80 0.78	1.04082 1.04091 1.04100	0·15 0·15 0·13	0·01738 0·01741 0·01745	0.05 0.07	54 58
9 10 11	0.27815 $0.27843$ $0.27871$	0·47 0·47 0·47	1.44428 1.44472 1.44516	0.73 0.78 0.72	0·28958 0·28990 0·29021	0.53 0.52 0.53	1.46177 1.46224 1.46271	0.78 0.78 0.80	1.04108 1.04117 1.04126	0·15 0·15 0·15	0·01749 0·01752 0·01756	0·07 0·07	50 49
12 13 14	0.27899 0.27927 0.27955	0.47 0.47 0.47	1.44559 1.44602 1.44646	0.72 0.73 0.72	0·29053 0·29084 0·29116	0.52 0.53 0.52	1:46319 1:46366 1:46418	0.78 0.78 0.78	1.04135 1.04144 1.04152	0·15 0·13 0·15	0.01760 0.01763 0.01767	0.07 0.07	47 46
15 16 17 18 19	$egin{array}{c} 0.27983 \\ 0.28011 \\ 0.28039 \\ 0.28067 \\ 0.28095 \\ \hline \end{array}$	0·47 0·47 0·47 0·47 0·47	T-44689 T-44733 T-44776 T-44819 T-44862	0.73 0.72 0.72 0.72 0.72 0.72	0·29147 0·29179 0·29210 0·29242 0·29274	0.53 0.53 0.53 0.53 0.53	1.46460 1.46507 1.46564 1.46601 1.46648	0.78 0.78 0.78 0.78 0.78	1.04161 1.04170 1.04179 1.04188 1.04197	0:15 0:15 0:15 0:15 0:15	0.01771 0.01774 0.01778 0.01782 0.01785	0.05 0.07 0.07 0.05 0.07	45 44 48 42 41
20 21 22 23	$\begin{array}{c} 0.28123 \\ 0.28150 \\ 0.28178 \\ 0.28206 \end{array}$	0·45 0·47 0·47 0·47	1-44905 1-44948 1-44992 1-45035	0.72 0.73 0.72 0.70	0.29305 $0.29337$ $0.29368$ $0.29400$	0.53 0.52 0.53 0.53	1.46694 1.46741 1.46788 1.46835	0·78 0·78 0·78 0·77	1-04206 1-04214 1-04228 1-04232	0·13 0·15 0·15 0·15	0·01789 0·01793 0·01796 0·01800	0.07 0.05 0.07 0.07	88 37
24 25 26 27 28 29	$egin{array}{c} 0.28234 \\ 0.28202 \\ 0.28290 \\ 0.28318 \\ 0.28346 \\ 0.28374 \\ \end{array}$	0·47 0·47 0·47 0·47 0·47	1.45077 1.45120 1.46163 1.45206 1.45249 1.45292	0·72 0·72 0·72 0·72 0·72 0·72	0·29482 0·29468 0·29496 0·29526 0·29558 0·29500	0·52 0·52 0·53 0·53 0·53 0·52	1.46881 1.46928 1.46975 1.47021 1.47068 1.47114	0.78 0.78 0.77 0.78 0.77 0.77	1-04241 1-04250 1-04259 1-04268 1-04277 1-04286	0.15 0.15 0.15 0.15 0.15	0.01804 0.01808 0.01811 0.01815 0.01819	0.07 0.05 0.07 0.07 0.07	36 35 34 38 32
30 31 32 33 34	0.28402 0.28420 0.28457 0.28485 0.28518	0.45 0.47 0.47 0.47 0.47	1.45334 1.45377 1.45419 1.45462 1.45504	0.72 0.70 0.72 0.72 0.70 0.72	0·29621 0·29653 0·29685 0·29716 0·29748	0.53 0.53 0.52 0.53 0.53	1-47160 1-47207 1-47258 1-47299 1-47846	0.78 0.77 0.77 0.78 0.78	1.04295 1.04304 1.04313 1.04322 1.04331	0-15 0-15 0-15 0-15 0-15	0.01828 0.01826 0.01830 0.01834 0.01838	0.05 0.07 0.07 0.07 0.05 0.07	31 30 29 28 27 26
85 36 37 88 39	0.28541 0.28569 0.28597 0.28625 0.28652	0·47 0·47 0·47 0·45 0·45	1.45547 1.45589 1.45682 1.45674 1.45716	0.70 0.72 0.70 0.70 0.70	0-29780 0-29811 0-29843 0-29875 0-29906	0.52 0.53 0.53 0.53 0.52 0.53	1.47802 1.47438 1.47484 1.47530 1.47576	0.77 0.77 0.77 0.77 0.77	1.04340 1.04349 1.04358 1.04367 1.04376	0-15 0-15 0-15 0-15	0.01845 0.01849 0.01853 0.01856 0.01866	0.07 0.07 0.05 0.07 0.07	25 24 23 22 21
40 41 42 43	0.28680 0.28708 0.28730 0.28764	0·47 0·47 0·47 0·47	1.45758 1.45801 1.45848 1.45885	0·72 0·70 0·70 0·70	0.29938 $0.29970$ $0.30001$ $0.80033$	0:53 0:52 0:53 0:53	1-47622 1-47668 1-47714 1-47760	0.77 0.77 0.77 0.77	1-04385 1-04394 1-04403 1-04413	0-15 0-15 0-17 0-15	0-01864 0-01868 0-01871 0-01875	0.07 0.05 0.07 0.07	20 19 18 17
44 45 46 47	0.28820 0.28847 0.28875	0.47 0.45 0.47 0.47	1.45927 1.45969 1.46011 1.46058	0.70 0.70 0.70 0.70	0.80065 0.80097 0.80128 0.80160	0.53 0.53 0.53 0.53	1.47808 1.47852 1.47897 1.47943	0·77 0·75 0·77 0·77	1.04422 1.04431 1.04440 1.04449	0-15 0-15 0-15	0.01879 0.01888 0.01887 0.01890	0.07 0.07 0.05 0.07	16 15 14 18
48 49 50 51	0.28908 0.28931 0.28950 0.28987	0·47 0·47 0·47 0·47	T-46095 T-46136 T-46178 T-46220	0.68 0.70 0.70 0.70	0·80192 0·80224 0·80255 0·80287	0.53 0.53 0.53 0.53	1.47989 1.48085 1.48080 1.48126	0·77 0·75 0·77 0·75	1-04468 1-04468 1-04477 1-04486	0:17 0:15 0:15 0:15	0.01894 0.01898 0.01902 0.01906	0.07 0.07 0.07 0.07	12 11 10 9
52 58 54	0·20015 0·29042 0·29070	0·45 0·47 0·47	T·46262 T·46308 T·46345	0.68 0.70 0.68	0.80819 0.80851 0.80882	0.58 0.52 0.58	1-48171 1-48217 1-48262	0.77 0.75 0.75	1-04495 1-04504 1-04514	0·15 0·17 0·15	0.01910 0.01913 0.01917	0.07 0.07 0.07 0.07	8 7 6
55 56 57 58	0.29098 0.29126 0.29154 0.29182	0·47 0·47 0·47 0·45	I·46886 I·46428 I·46469 I·46511	0.70 0.68 0.70 0.68	0.80414 0.80446 0.80478 0.80509	0.63 0.63 0.63 0.68	1.48307 1.48358 1.48398 1.48448	0.77 0.75 0.75 0.77	1-04523 1-04532 1-04541 1-04551	0·15 0·15 0·17 0·15	0-01921 0-01925 0-01929 0-01938	0·07 0·07 0·07 0·07	5 4 8 2
59 60	0.29209	0.47	T·46552 T·46594	0.70	0.80541 0.80578	0.58	T-48489 T-48534	0.75	1.04560 1.04569	0.15	0·01937 0·01940	0.05	0
	Сов.	D. 1".	Log Cos.	D, 1".	Cot.	D. 1".	Log Cot.	D. 1".	ellengthtparetry - no	D. 1".	Log Cosec	. D. 1".	,

### NOMETRICAL FUNCTIONS & THEIR LOGS. 17°

D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0.47	Ī·46594	0.68	0.30573	0.53	1.48534	0.75	1.04569	0.15	0.01940	0.07	60
0.47	<u>1.46635</u>	0.68	0.30605	0.53	1.48579	0.75	1.04578	0.17	0.01944	0.07	59
B 0·47	1.46676	0.68	0.30637	0.53	1.48624	0.75	1.04588	0.15	0.01948	0.07	58
0.45	1.46717	0.68	0.30669	0.52	1.48669	0.75	1.04597	0.15	0.01952	0.07	57
B 0·47	1.46758	0.70	0.30700	0.53	1.48714	0.75	1.04606	0.17	0.01956	0.07	56
0.47	<b>1.46800</b>	0.68	0.30732	0.53	1.48759	0.75	1.04616	0.15	0.01960	0.07	55
0.47	I-46841	0.68	0.30764	0.53	<u>I</u> ·48804	0.75	1.04625	0.17	0.01964	0.07	54
0.47	I-46882	0.68	0.30796	0.53	1.48849	0.75	1.04635	0.15	0.01968	0.05	53
0.45	T-46923	0.68	0.30828	0.53	1.48894	0.75	1.04644	0.15	0.01971	0.07	52
0.47	1.46964	0.68	0.30860	0.52	1.48939	0.75	1.04653	0.17	0.01975	0.07	51
0.47	1.47005	0.67	0.30891	0.53	1.48984	0.75	1.04663	0.15	0.01979	0.07	50
0.47	1.47045	0.68	0.30923	0.53	1.49029	0.73	1.04672	0.17	0.01983	0.07	49
0.47	1.47086 1.47127	0.68	0.30955 0.30987	0.53	1.49073	0.75	1.04682	0.15	0.01987	0.07	48
0·45 0·47	1.47168	0.08	0.30337	0·53 0·53	1.49118 $1.49168$	$0.75 \pm 0.73$	1.04691	$0.15 \\ 0.17$	0.01991	0.07	47
							1.04700		0.01995	0.07	46
0.47	T-47209	0.67	0.31051	0.53	1.49207	0.75	1.04710	0.15	0.01999	0.07	45
0.47	T·47249 T·47290	0.68 0.67	$0.31088 \\ 0.31115$	0.53	T·49252 T·49296	0.73	1.04719	0.17	0.02003	0.07	44
0.47	1.47330	0.07	0.31147	$0.53 \\ 0.52$	$\frac{1.49236}{1.49341}$	0·75 0·73	1.04729 $1.04738$	$0.15 \\ 0.17$	0.02007	0.07	43
0.47	1.47371	0.67	0.31178	0.53	1.49385	0.75	1.04748	0.15	$0.02011 \\ 0.02014$	0.05 $0.07$	42 41
0.47	T-47411	0.68	0.31210	0.53	T·49430						
0.47	1.47452	0.08	0.31242	0.53	1.49474	0·73   0·75	1.04757 1.04767	0·17 0·15	0.02018 0.02022	0.07	40
0.45	1.47492	0.68	0.31274	0.53	I-49519	0.73	1.04776	0.17	0.02022	0·07 0·07	39 38
0.47	1.47533	0.67	0.31306	0.53	1.49568	0.73	1.04786	0.15	0.02020	0.07	37
0.47	1.47573	0.67	0.31338	0.53	1.49607	0.75	1.04795	0.17	0.02034	0.07	36
0.47	T-47613	0.68	0.31370	0.53	T-49652	0.73	1.04805	0.17	0.02038	0.07	35
0.45	1.47654	0.67	0.31402	0.53	1.49696	0.73	1.04815	0.15	0.02042	0.07	34
0.47	1.47694	0.67	0.31434	0.53	1.49740	0.73	1.04824	0.17	0.02046	0.07	33
0.47	T-47734	0.67	0.31466	0.53	1.49784	0.73	1.04834	0.15	0.02050	0.07	32
0.47	1.47774	0.67	0.31498	0.53	T·49828	0.73	1.04843	0.17	0.02054	0.07	31
0.45	1.47814	0.67	0.31530	0.53	1.49872	0.73	1.04853	0.17	0.02058	0.07	30
0.47	1.47854	0.67	0.31562	0.53	T-49916	0.73	1.04863	0.15	0.02062	0.07	29
0.47	1.47894	0.67	0.31594	0.53	1.49960	0.73	1.04872	0.17	0.02066	0.07	28
0.47	1.47934	0.67	0.31626	0.53	1.50004	0.78	1.04882	0.15	0.02070	0.07	27
0.45	1.47974	0.67	0.31658	0.53	1.50048	0.73	1.04891	0.17	0.02074	0.07	26
0.47	1.48014	0.67	0.31690	0.53	1.50092	0.73	1.04901	0.17	0.02078	0.07	25
0.47	T-48054	0.67	0.31722	0.53	1.50136	0.73	1.04911	0.15	0.02082	0.07	24
0.45	1.48094	0.65	0.31754	0.58	1.50180	0.72	1.04920	0.17	0.02086	0.07	23
0.47	1.48133	0.67	0.31786	0.53	1.50223	0.73	1.04980 $1.04940$	0·17 0·17	$0.02090 \\ 0.02094$	0.07	$\begin{vmatrix} 22 \\ 21 \end{vmatrix}$
0.47	1.48178	0.67	0.31818	0.53	1.50267	0.73				0.07	
0.47	1.48213	0.05	0.31850	0.53	1.50311	0.73	1.04950	0.15	0.02098	0.07	20
0.45	1.48252	0.07	0.31882	0.53	1.50355 1.50398	0.72	1.04959 1.04969	0·17 0·17	$0.02102 \\ 0.02106$	0·07 0·07	19
0.47	1.48292 1.48332	0.67	0.31914	0.53	1.50442	0·73	1.04979	0.17	0.02110	0.07	18 17
0.45	1.48371	0.67	0.31978	0.53	I-50485	0.73	1.04989	0.15	0.02114	0.07	16
				0.53	T.50529	0.72	1.04998	0.17	0.02118	0.07	15
0.47	1.48411 1.48450	0.65	0.32010 $0.32042$	0.53	1.50529 1.50572	0.72	1.05008	0.17	$0.02118 \\ 0.02122$	0.07	14
0.47	1.48490	0.65	0.32074	0.23	T.50616	0.72	1.05018	0.17	0.02126	0.07	13
0.45	1.48529	0.68	0.32106	0.55	1.50659	0.73	1.05028	0.17	0.02130	0.07	12
0.47	1.48568	0.65	0.32139	0.53	1.50703	0.72	1.05038	0.15	0.02134	0.08	11
0.47	T-48607	0.67	0.32171	0.53	T.50746	0.72	1.05047	0.17	0.02139	0.07	10
0.45	1.48647	0.65	0.32203	0.58	Ī·50789	0.73	1.05057	0.17	0.02143	0.07	9
0.47	1.48686	0.65	0.82285	0.53	1.50833	0.72	1.05067	0.17	0.02147	0.07	8
0.47	1.48725	0.65	0.32267	0.23	1.50876	0.72	1.05077	0.17	0.02151	0.07	7
0.45	1.48764	0.65	0.82299	0.23	1.50919	0.72	1.05087	0.17	0.02155	0.07	6
0.47	1.48808	0.65	0.32331	0.23	I.50962	0.72	1.05097	0.17	0.02159	0.07	5
0.47	1.48842	0.65	0.32363	0.65	I.51005	0.72	1.05107	0.15	0.02163	0.07	4
0.45	1.48881	0.65	0.32396	0.03	Ī·51048	0.73	1.05116	0.17	0.02167	0.07	3
0.47	I-48920	0.65	0.82428	0.28	I-51092	0.72	1.05126	0.17	0.02171	0.07	2
0.47	T-48959	0.65	0.32460	0.23	1.51185	0.72	1.05136	0.17	0.02175	0.07	1
3	T-48998		0.32492	and a sale of the sale of the	T.51178		1.05146		0.02179		0
D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	D. 1".	
	45										

1		Proporti	onal I	urts of th	e 'Co.	' Functio	na mus	t be subt	rurted	
Сов,	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	$\mathbf{D}, \mathbf{I}'', \mathbf{i}$	Cores,	D. 1".	Log Cosco.
0.82557	Appendicate of suppose to the	1.51264	eart work to join	0.84488		1-53697		1-05762		0-02433
0.82529	0.47		0.62	0.34400	ពៈ៦៦	1.53656	1		0.18	0.02429
0.32502	0.45	1.51191	0.60	0.84868	64.0	1.53615	0.68	1.05741	0.17	0.02424
0.32474	0.47	1.51154	0.62	0.84885	0.55	1.53574			0.18	0.02420
0.32447	0.45									
0.82419										
0.82892	0.45	1.51048	0.62	0.34238	0.53	1.58450			0.17	0.02407
0.82364										
0.82337										
0.32282										
	-									
0.32227										
0.32199 0.32227										
0.32171										
0.82144										
0.32116	-						į			-
0.32089										
0.32061										
0.32034										
0.32006	0.47	1.50528	0.03	0.33783	0.55	1.52870	0.70			
0.31979							- 1			
0.31951										
0.31923										
0.31896	0.45	1.50374	0.62	0.33654	84.0					
0.31868	0.47	T-50336	0.68	0.33621	สสาน	1.52661			0.17	0.02826
0.81841	0.45		0.68	0.88889	0.23	1.95050			-	
0.31818										
0.31786	0.45									
0.31758	0.47	1.50185	0.63	0.83492	0.53					
0.31730	0.47	T.50148	0.62	0.33460	0.53	1.52452			0.17	0.02304
0.31703	0.45	1.50110	0.63	0.33427	0.55	1.62410			0.17	0.02300
0.31675	0.47	1.50072	0.03	0.33395	6.93					
0.31648	0.45         T.50034         0.63         0.33835         0.53         1.52368         0.70         1.05425         0.17         0.02292           0.47         T.50072         0.63         0.33395         0.53         1.52368         0.70         1.05439         0.17         0.02296           0.47         T.50148         0.62         0.33492         0.53         1.52452         0.70         1.05459         0.17         0.02309           0.47         T.50185         0.63         0.33492         0.53         1.52494         0.70         1.05459         0.18         0.02309           0.47         T.50261         0.62         0.38557         0.53         1.52494         0.70         1.05480         0.17         0.02318           0.47         T.50261         0.62         0.38589         0.53         1.52620         0.68         1.05480         0.17         0.02314           0.47         T.50386         0.63         0.38589         0.53         1.52629         0.68         1.05480         0.17         0.02314           0.47         T.50411         0.63         0.38586         0.53         1.52745         0.70         1.05521         0.18         0.02334									
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Proportional Parts of the other Functions must be udded.

## CONOMETRICAL FUNCTIONS & THEIR LOGS. 19°

no.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
557	0.45	$\bar{1}.51264$	0.62	0.34433	0.53	1.53697	0.68	1.05762	0.18	0.02433	0.07	60
584	0.47	1.51301	0.62	0.34465	0.55	1.53738	0.68	1.05773	0.17	0.02437	0.08	59
61.2	0.45	1.51338	0.60	0.34498	0.53	1.53779	0.68	1.05783	0.18	0.02442	0.07	58
639	0.47	1.51374	0.62	0.34530	0.55	1.53820	0.68	1.05794	0.18	0.02446	0.07	57
667	0.45	1.51411	0.60	0.34563	0.55	1.53861	0.68	1.05805	0.17	0.02450	0.08	56
694	0.47	1.51447	0.62	0.34596	0.53	1.53902	0.68	1.05815	0.18	0.02455	0.07	55
722	0.45	1.51484	0.60	0.34628	0.55	1.53943	0.68	1.05826	0.17	0.02459	0.08	54
749	0.47	1.51520	0.62	0.34661	0.53	I.53984	0.68	1.05836	0.18	0.02464	0.07	53
777	0.45	1.51557	0.60	0.34693	0.55	1.54025	0.67	1.05847	0.18	0.02468	0.07	52
804	0.47	1.51593	0.60	0.34726	0.53	1.54065	0.68	1.05858	0.18	0.02472	0.08	51
832	0.45	1.51629	0.62	0.34758	0.55	1.54106	0.68	1.05869	0.17	0.02477	0.07	50
859	0.47	1.51666	0.60	0.34791	0.55	1.54147	0.67	1.05879	0.18	0.02481	0.07	49
887	0.45	1.51702 $1.51738$	0.60	$0.34824 \\ 0.34856$	0·53 0·55	1.54187	0.68	1.05890	0.18	0.02485	0.08	48
$\begin{array}{c} 914 \\ 942 \end{array}$	0.45	1.51774	0.62	0.34889	0.55	1.54228 $1.54269$	0.68 0.67	1.05901 1.05911	$0.17 \\ 0.18$	0.02490	0.07	47
		T·51811						[		0.02494	0.08	46
969	$0.47 \\ 0.45$	1.51847	0.60	0.84922 $0.34954$	0.53	1.54309	0.68	1.05922	0.18	0.02499	0.07	45
$\begin{array}{c} 1997 \\ 1024 \end{array}$	0.45	1.51883	0.60	0.34987	$0.55 \\ 0.55$	1.54350 1.54390	0.67 0.68	1.05933	0.18	0.02503	0.08	44
051	0.47	1.51919	0.60	0.35020	0.53	1.54431	0.67	1.05944 $1.05955$	$0.18 \\ 0.17$	0.02508 0.02512	0.07   0.07	43
079	0.45	1.51955	0.00	0.35052	0.55	1.54471	0.68	1.05965	0.17	0.02512 $0.02516$	0.07	42 41
1,06	0.47	T-51991	0.60	0.35085	0.55	1.54512	0.67	1		0.02510	(	
134	0.45	1.52027	0.60	0.35118	0.53	1.54552	0.07	1.05976 1.05987	0·18 0·18	0.02521 0.02525	0·07 0·08	40 39
161	0.47	1.52063	0.60	0.35150	0.55	1.54593	0.67	1.05998	0.18	0.02525 $0.02530$	0.03	38
189	0.45	1.52099	0.60	0.35183	0.55	1.54633	0.67	1.06009	0.18	0.02534	0.08	37
21.0	0.47	1.52135	0.60	0.35216	0.53	1.54673	0.68	1.06020	0.17	0.02539	0.07	36
244	0.45	1.52171	0.60	0.35248	0.55	1.54714	0.67	1.06030	0.18	0.02543	0.07	35
271	0.45	1.52207	0.58	0.35281	0.55	1.54754	0.67	1.06041	0.18	0.02547	0.08	34
298	0.47	1.52242	0.60	0.35314	0.53	1.54794	0.68	1.06052	0.18	0.02552	0.07	33
326	0.45	1.52278	0.60	0.35346	0.55	1.54835	0.67	1.06063	0.18	0.02556	0.08	32
353	() - 47	1.52314	0.00	0.35379	0.55	1.54875	0.67	1.06074	0.18	0.02561	0.07	31
381	0.45	T.52350	0.58	0.35412	0.55	1.54915	0.67	1.06085	0.18	0.02565	0.08	30
408	0.47	1.52385	0.60	0.35445	0.53	1.54955	0.67	1.06096	0.18	0.02570	0.07	29
436	0.45	1.52421	0.58	0.35477	0.55	1.54995	0.67	1.06107	0.18	0.02574	0.08	28
463	0.45	1.52456	0.60	0.35510	0.55	1.55035	0.67	1.06118	0.18	0.02579	0.07	27
490	0.47	1.52492	0.58	0.35548	0.55	1.55075	0.67	1.06129	0.18	0.02583	0.08	26
518	0.45	1.52527	0.60	0.35576	0.53	1.55115	0.67	1.06140	0.18	0.02588	0.07	25
545	0.47	1.52563	0.58	0.35608	0.55	1.55155	0.67	1.06151	0.18	0.02592	0.08	24
600	0 • 45 0 • 45	1.52598 1.52634	84.0	0.35641	0.55 0.55	1.55195 1.55235	0.67 0.67	1.06162 $1.06173$	0·18 0·18	0.02597 $0.02601$	0·07 0·08	$\begin{array}{c} 23 \\ 22 \end{array}$
627	0.47	1.52669	0.80	0.35707	0.55	1.55275	0.67	1.06184	0.18	0.02606	0.08	$\frac{22}{21}$
3655	0.45	1.52705	0.58	0.35740	0.53	T-55315	0.67	1.06195	0.18	0.02610	0.08	20
682	0.47	1.52740	0.58	0.35772	0.55	1.55355	0.67	1.06195	0.18	0.02615	0.03	19
710	0.45	1.52775	0.60	0.35805	0.55	1.55395	0.65	1.06217	0.18	0.02619	0.08	18
737	0.45	1.52811	0.58	0.35838	0.55	T-55434	0.67	1.06228	0.18	0.02624	0.07	17
764	0.47	1.52846	0.58	0.35871	0.55	1.55474	0.67	1.06239	0.18	0.02628	0.08	16
792	0.45	1.52881	0.58	0.35904	0.55	1.55514	0.67	1.06250	0.18	0.02633	0.07	15
819	0.45	1.52916	0.58	0.35937	0.53	1.55554	0.65	1.06261	0.18	0.02637		14
846	0.47	1.52951	0.58	0.35969	0.55	1.55593	0.67	1.06272	0.18	0.02642	0.08	13
874	0.45	1.52986	0.58	0.36002	0.55	1.55638	0.67	1.06283	0.20	0.02647	0.07	12
1901	0.47	1.53021	0.88	0.36035	0.55	1.55673	0.65	1.06295	0.18	0.02651	0.08	11
929	0.45	1.53056			0.55	1.55712	0.67	1.06306	0.18	0.02656	0.07	10
1956	0.45	1.58092			0.55	1.55752	0.65	1.06317	0.18	0.02660	0.08	9
1983	0.47	1.53126	0.58	0.36134	0.55	1.55791	0.67	1.06328	81.0	0.02665	0.07	8
$\begin{array}{c} 011 \\ 038 \end{array}$	0.45	1.53161 1.53196	0.28 0.28	0.36167 0.36199	0.55 0.55	1.55831 1.55870	0.65	1.06339 $1.06350$	$0.18 \\ 0.20$	$0.02669 \\ 0.02674$	0.08	7 6
		147										
065	0.47	1.53231	0.58	0.36232	0.55	1.55910 1.55949	0.65	1.06362	0·18 0·18	$0.02678 \\ 0.02683$	0·08	5
$\begin{array}{c} 098 \\ 120 \end{array}$	0.45	$\frac{1.53266}{1.53301}$	0.58 0.58	0.36265	0.55 0.55	1.55989	0.67 0.65	1.06373 $1.06384$	0.18	0.02088	0.08	3
147	0.47	1.53336	0.57	0.36331	0.55	1.56028	0.65	1.06395	0.20	0.02692	0.08	2
175	0.45	1.53370	0.58	0.36364	0.55	1.56067	0.67	1.06407	0.18	0.02697	0.07	ĩ
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0 1 2 3 4	0-34202 0-34229 0-34257 0-34284 0-84311	0·45 0·47 0·45 0·45 0·47	T·53405 T·53440 T·53475 T·53509 T·53544	0.58 0.58 0.57 0.58 0.57	0.36397 0.36430 0.36463 0.36496 0.36529	0.55 0.55 0.55 0.55	I·56107 I·56146 I·56185 I·56224 I·56264	0.65 0.65 0.65 0.67 0.65	1.06429 $1.06440$ $1.06452$	0.18 $0.18$ $0.20$ $0.18$ $0.18$	0.02701 $0.02706$ $0.02711$ $0.02715$ $0.02720$	0.08 0.07 0.08	
5 6 7 8 9	0.34339 0.34366 0.34393 0.34421 0.34448	0·45 0·45 0·47 0·45 0·45	I·53578 I·53613 I·53647 I·53682 I·53716	0.58 0.57 0.58 0.57 0.58	0.36562 0.36595 0.36628 0.36661 0.36694	0.55 0.55 0.55 0.55 0.55	1.56303 1.56342 1.56381 1.56420 1.56459	0.65 0.65 0.65 0.65 0.65	1.06486 1.06497 1.06508	0·20 0·18 0·18 0·20 0·18	0.02724 0.02729 0.02734 0.02738 0.02743	0.08 0.08 0.07 0.08	55 54 53 52 51
10 11 12 13 14	0.34475 0.34503 0.34530 0.34557 0.34584	0·47 0·45 0·45 0·45 0·47	T·53751 T·53785 T·53819 T·53854 T·53888	0.57 0.57 0.58 0.57 0.57	0.36727 0.36760 0.36793 0.36826 0.36859	0.55 0.55 0.55 0.55 0.55	1.56498 1.56537 1.56576 1.56615 1.56654	0.65 0.65 0.65 0.65 0.65	1.06531 1.06542 1.06554 1.06565 1.06577	0.18 $0.20$ $0.18$ $0.20$ $0.18$	0.02748 0.02752 0.02757 0.02762 0.02766	0.08 0.08 0.07	50 49 48 47 46
15 16 17 18 19	0.34612 0.34639 0.34666 0.34604 0.34721	0·45 0·45 0·47 0·45 0·45	I-53922 I-53957 I-53991 I-54025 I-54059	0.58 0.57 0.57 0.57 0.57	0.36892 0.36925 0.36958 0.36991 0.37024	0.55 0.55 0.55 0.55 0.55	1-56693 1-56732 1-56771 1-56810 1-56849	0.65 0.65 0.65 0.65 0.63	1:06588 1:06600 1:06611 1:06622 1:06634	0:20 0:18 0:18 0:20 0:18	0.02771 0.02776 0.02780 0.02785 0.02790	0.08 0.08	45 44 48 42 41
20 21 22 23 24	0.34748 0.34775 0.34803 0.84830 0.34857	0·45 0·45 0·45 0·45	I·54093 I·54127 I·54161 I·54195 I·54220	0.57 0.57 0.57 0.57 0.57	0·37057 0·37090 0·37123 0·37157 0·37190	0.55 0.55 0.57 0.55 0.55	1.56887 1.56926 1.56965 1.57004 1.57042	0.65 0.65 0.63 0.63 0.63		0.20 0.18 0.20 0.18 0.20	0.02794 0.02790 0.02804 0.02808 0.02818		40 39 38 37 36
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30 81 32 33 84	0.85021 0.85048 0.85075 0.85102 0.85130	0.45 0.45 0.45 0.47 0.45	T·54433 1·54466 T·54500 T·54534 T·54567	0.55 0.57 0.57 0.55 0.55	0.37388 0.37422 0.37455 0.37488 0.37521	0.55 0.55 0.55 0.55 0.55	1-57274 1-57312 1-57851 1-57389 1-57428	0.63 0.65 0.63 0.65 0.65	1-06773 1-06784	0-20 0-18 0-20 0-18 0-20	0-02841 0-02846 0-02851 0-02856 0-02860	0.08 0.08 0.07 0.08 0.08	30 29 28 27 26
35 36 37 38 39	0.35157 0.35184 0.35211 0.35239 0.35266	0·45 0·45 0·47 0·45 0·45	T.54601 1.54635 T.54668 T.54702 1.54735	0.57 0.55 0.57 0.55 0.55	0.37554 0.37588 0.37621 0.37654 0.37687	0.57 0.55 0.55 0.55 0.55	1-57466 1-57504 1-57548 1-57581 1-57619	0.63 0.65 0.63 0.63 0.65	1-06831	0-20 0-18 0-20 0-20 0-20	0.02865 0.02870 0.02874 0.02879 0.02884	0.08 0.07 0.08 0.08 0.08	25 24 28 22 21
40 41 42 43 44	0.85293 0.85320 0.35347 0.35375 0.35402	0.45 0.45 0.47 0.45 0.45	1.54769 1.54802 1.54836 1.54860 1.54903	0.55 0.57 0.55 0.67 0.55	0.37720 0.37754 0.37787 0.37820 0.37853	0.57 0.55 0.55 0.55 0.55	(+57658 1-57696 1-57784 1-57772 1-57810	0-63 0-63 0-63 0-63 0-65	1-06878 1-06889 1-06913 1-06913 1-06925	0-18 0-20 0-20 0-20 0-18	0-02889 0-02898 0-02898 0-02908 0-02908	0.07 0.08 0.08 0.08 0.08	20 19 18 17 16
45 46 47 48 49	0-85429 0-85456 0-85484 0-85511 0-85588	0.45	T-54936 T-54969 T-55003 T-55036 T-55069	0.55 0.57 0.55 0.55 0.55	0-87887 0-87920 0-87958 0-87986 0-88020	0.55 0.55 0.55 0.57 0.55	1-57849 1-57887 1-57925 1-57963 1-58001	0-63 0-63 0-63 0-63	1-06960		0-02918 0-02917 0-02922 0-02927 0-02932	0.08	15 14 18 12 11
50 51 52 53 54	0.85565 0.85592 0.85619 0.85647	0·45 0·45 0·47 0·45 0·45	I-55102 I-55136 I-55169 I-55202 I-55235	0.57 0.55	0.88053 0.88086 0.88120 0.88153 0.88166	0.55 0.57	1-58039 1-58077 1-58115 1-58153 1-58191	0-63 0-63 0-63 0-63	1-06998 1-07007 1-07019 1-07031 1-07043		0-02947 0-02941 0-02946 0-02951 0-02956	0.07 0.08 0.08 0.08 0.08	10 9 8 7 6
55 56 57 58 59	0-35701 0-85728 0-85755 0-85782 0-35810	0·45 0·45 0·45 0·47 0·45	1.55268 1.55301 1.55334 1.55367 1.55400	0.55 0.55 0.55 0.55 0.55	0.88220 0.88258 0.88286 0.88320 0.88353	0.55 0.55 0.57 0.55 0.55	1-58229 1-58267 1-58304 1-58342 1-58380	0.62 0.63 0.63	1.07055 1.07067 1.07070 1.07091 1.07103	0.20 0.20 0.20 0.20 0.20 0.18	0-02961 0-02965 0-02970 0-02975 0-02980	0-07 0-08 0-08 0-08 0-08	5 4 3 2 1
60	0.35887	HIMTORIS MAZONTANIS SANS	T-55488	Care in American Strategics	0.38386	· · · · · · · · · · · · · · · · · · ·	1.58418		1.07114		0.02985		0
1	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Chronet,	D. 1".	Lag Casee	, D. P.	•

							-11OI		X 111	<u> Lir</u>	LUG	<b>.</b> .	21
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1",	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.35837	0.45	I.55433	0.55	0.38386	0.57	Ī·58418	0.62	1.07114	0.20	0.02985	0.08	60
1	0.35864	0.45	1.55466	0.55	0.38420	0.55	1.58455	0.63	1.07126	0.20	0.02990	0.08	59
2	0.35891	0.45	1.55499 1.55532	0.55	0.38453	0.57	1.58493	0.63	1.07138	0.20	0.02995	0.07	58
3	0.35918 $0.35945$	0·45 0·47	1.55564	0.53 0.55	0.38487 0.38520	0.55	1.58531	0.63	1.07150	0.20	0.02999	0.08	57
4						0.55	1.58569	0.62	1.07162	0.20	0.03004	0.08	56
5	0.35973	$0.45 \\ 0.45$	I.55597 I.55630	0.55 0.55	0.38553	0.57	1.58606	0.63	1.07174	0.20	0.03009	0.08	55
6	0.36027	0.45	1.55663	0.53	0.38587 0.38620	0·55 0·57	1.58644 $1.58681$	0.62	1.07186	0.22	0.03014	0.08	54
8	0.36054	0.45	1.55695	0.55	0.38654	0.55	1.58719	0.63	1.07199 1.07211	$0.20 \\ 0.20$	0.03019 0.03024	0·08 0·08	53 52
ğ	0.36081	0.45	1.55728	0.55	0.38687	0.57	1.58757	0.62	1.07223	0.20	0.03024	0.08	51
10	0.36108	0.45	T-55761	0.53	0.38721	0.55	T·58794	0.63	1.07235	0.20	0.03034	0.07	50
11	0.36135	0.45	1.55793	0.55	0.38754	0.55	1.58832	0.62	1.07247	$0.20 \\ 0.20$	0.03034	0.07	49
12	0.36162	0.47	1.55826	0.53	0.38787	0.57	T-58869	0.63	1.07259	0.20	0.03043	0.08	48
13	0.36190	0.45	1.55858	0.55	0.38821	0.55	1.58907	0.62	1.07271	0.20	0.03048	0.08	47
14	0.36217	0.45	1.55891	0.53	0.38854	0.57	1.58944	0.62	1.07283	0.20	0.03053	0.08	46
15	0.36244	0.45	1.55923	0.55	0.38888	0.55	I.58981	0.63	1.07295	0.20	0.03058	0.08	45
16	0.36271	0.45	1.55956	0.53	0.38921	0.57	1.59019	0.62	1.07307	0.22	0.03063	0.08	44
17	0.36298	0.45	1.55988 1.56021	0.55	0.38955	0.88	1.59056	0.63	1.07320	0.20	0.03068	0.08	43
$\begin{bmatrix} 18 \\ 19 \end{bmatrix}$	0.36325 0.36352	0.45 0.45	1.56053	0.53	0.38988	0·57 0·55	1.59094 T.59131	0.62	1.07332	0.20	0.03073	0.08	42
l i			T.56085					0.62	1	0.20	0.03078	0.08	41
20	0.36379 0.36406	0·45 0·47	1.50068	0.55 0.53	0.39055 0.39089	0.57 0.55	1.59168 1.59205	$0.62 \\ 0.63$	1.07356	0.20	0.03083	0.08	40
$\frac{21}{22}$	0.36434	0.45	1.56150	0.53	0.39122	0.57	1.59243	0.62	1.07368	$0.20 \\ 0.22$	0·03088 0·03093	0·08 0·07	39 38
23	0.36461	0.45	1.56182	0.55	0.39156	0.57	1.59280	0.62	1.07393	0.22	0.03097	0.08	37
24	0.36488	0.45	1.56215	0.53	0.39190	0.55	1.59317	0.62	1.07405	0.20	0.03102	0.08	36
25	0.36515	0.45	T-56247	0.53	0.39223	0.57	1.59354	0.62	1.07417	0.20	0.03107	0.08	35
26	0.36542	0.45	1.56279	0.53	0.39257	0.55	1.59391	0.63	1.07429	0.22	0.03112	0.08	34
27	0.36569	0.45	1.56311	0.53	0.39290	0.57	1.59429	0.62	1.07442	0.20	0.03117	0.08	33
28	0.36596	0.45	1.56348	0.53	0.39324	0.55	1.59466	0.62		0.20	0.03122	0.08	32
29	0.36623	0.45	1.50875	0.55	0.39357	0.57	1.59503	0.62	1.07466	0.22	0.03127	0.08	31
30	0.36650	0.45	1.56408	0.63	0.39391	0.57	1.59540	0.62	1.07479	0.20	0.03132	0.08	30
31	0.36677	0.45	$-1.56440 \\ -1.56472$	0.53	0.39425	0.55	1.59577	0.62	1.07491	0.20	0.03137	0.08	29
32 33	0.36704 0.36731	0.45	1.56504	0.53	0.39458 0.39492	0.57 0.57	1.59614 1.59651	0.62 0.62	1.07503 1.07516	$0.22 \\ 0.20$	$0.03142 \\ 0.03147$	0.08 0.08	28 27
34	0.36768	0.45	1.56536	0.53	0.39526	0.55	1.59688	0.62	1.07528	0.20	0.03152	0.08	26
35	0.36785	0.45	T-50568	0.52	0.39559	0.57	1.59725	0.62	1.07540	0.22	0.03157	0.08	25
36	0.36812	0.45	1.50599	0.53	0.39593	0.55	1.59762	0.62	1.07553	0.20	0.03162	0.08	24
37	0.36839	0.47	1.56681	0.53	0.39626	0.57	1.59799	0.60	1.07565	0.22	0.03167	0.08	23
38	0.36867	0.45	1.56063	0.53	0.39660	0.57	1.59835	0.62	1.07578	0.20	0.03172	0.08	22
39	0.30894	0.45	1.50095	0.53	0.39694	0.55	1.59872	0.62	1.07590	0.20	0.03177	0.08	21
40	0.36921	0.45	1.56727	0.53	0.39727	0.57	1.00000	0.62	1.07602	0.22	0.03182	0.08	20
41	0.36948		1.50759	0.52	0.39761	0.57	1.59946	0.62	1.07615	0.20	0.03187	0.08	19
42	0.86975	0.45	1.56790 1.56822	0.53 0.53	0.39795 0.39829	0.57 0.55	1.59988 1.60019	0.60 0.62	1.07627	0.22	0.03192	0.08	18 17
43	0.37029		1.56854	0.53	0.39862	0.57	1.60056	0.62	1.07640	$0.20 \\ 0.22$	$0.03197 \\ 0.03202$	0.08 0.08	16
1	0.87056		1.66886	0.52	0.39896	0.57	T-60098	0.62	1.07665	0.20	0.03207	0.08	15
46	0.37083		1.56917	0.53	0.39930	0.55	1.60130	0.00	1.07677	0.22	0.03207	0.08	14
47	0.37110		1.56949	0.52	0.89963	0.57	1.60166	0.62		0:20	0.03217	0.08	13
48	0.37137	0.45	1.56980	0.53	0.39997	0.57	1.60203	0.62	1.07702	0.22	0.03222	0.10	12
49	0.37164	0.45	1.57012		0.40031	0.57	1.60240	0.60	1.07715	0.20	0.03228	0.08	11
20	0.37191	0.45	I.87044		0.40065	0.22	1.60276	0.62	1.07727	0.22	0.03233	0.08	10
51	0.37218	0.45	T-57075	0.58	0.40098	0.57	1.60313	0.60	1.07740	0.20	0.03238	0.08	9
52	0.87245		1.57107	0.52	0.40182	0.57	1.60349	0.62		0.22	0.03243	0.08	8
53	0.37272 0.37299	0·45 0·45	1.57138 1.57169	0·52 0·53	0.40166	0.57 0.57	1.60386 1.60422	0.60 0.62	1.07765	0·22 0·20	$0.03248 \\ 0.03253$	0.08 0.08	6
1			200		l		***		1		0.03258		5
55 56	0.37326 0.37353	0·45 0·45	1.57201 1.57282	0.52 0.53	0.40234	0.55 0.57	1.60459 1.60495	0.60 0.62	1.07790	0·22 0·20	0.03268	0.08 0.08	4
57	0.37380	0.45	1.57264	0.52	0.40301	0.57	1.60532	0.60	1.07815	0.22	0.03268	0.08	3
58	0.87407	0.45	1.57295	0.52	0.40835	0.57	1.60568	0.62		0.22	0.03273	0.08	2
59	0.37434	0.45	1.57326	0.53	0.40369	0.57	1.60605	0.60	1.07841	0.20	0.03278	0.08	1
60	0.87461		T-57358		0.40403		T-60641		1.07853		0.03283		0
-touterves.	Cos.	D. 1".	Log Cos.	D, 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D.1".	Log Cosec	D. 1".	,
			D		,		) Proposico		<del></del>				<u> </u>

0 0.37461 0.45 1.67388 0.52 0.40403 0.55 1.60641 0.60 1.07853 0.92 0.03283 0.10 0.03488 0.46 1.67389 0.52 0.40436 0.57 1.60677 0.62 1.07866 0.92 0.003294 0.06 0.3 0.37542 0.45 1.67461 0.52 0.40504 0.57 1.60677 0.62 1.07870 0.92 0.03294 0.06 0.3 0.37542 0.45 1.67461 0.52 0.40504 0.57 1.60678 0.62 1.07870 0.92 0.03294 0.06 0.3 0.37542 0.45 1.67461 0.52 0.40504 0.57 1.60678 0.62 1.07704 0.92 0.03304 0.06 0.3 0.37536 0.45 1.67564 0.62 0.40670 0.57 1.60836 0.62 1.07914 0.92 0.03304 0.06 0.37029 0.45 1.67576 0.52 0.40640 0.57 1.60850 0.60 1.07917 0.92 0.03304 0.06 0.37039 0.45 1.67576 0.52 0.40640 0.57 1.60850 0.60 1.07930 0.92 0.03314 0.06 0.37039 0.45 1.67563 0.53 0.40707 0.57 1.60835 0.60 1.07930 0.92 0.03314 0.06 0.37730 0.45 1.67638 0.53 0.40707 0.57 1.60835 0.60 1.07933 0.92 0.033314 0.06 0.37730 0.45 1.67638 0.53 0.40707 0.57 1.60937 0.62 1.07930 0.92 0.033334 0.06 0.37730 0.45 1.67638 0.53 0.40707 0.57 1.60937 0.62 1.07930 0.92 0.03333 0.08 0.00 0.37730 0.45 1.676738 0.52 0.40775 0.57 1.60937 0.62 1.07991 0.92 0.03333 0.08 0.00 0.3733 0.00 0.52 0.40775 0.57 1.60937 0.60 1.07991 0.92 0.03333 0.08 0.00 0.3733 0.00 0.52 0.40775 0.57 1.60937 0.60 1.07991 0.92 0.03333 0.00 0.00 0.00 0.00 0.00 0.00	42		001	AOTAT						10 a			LOG2
1 0 374488 0 45	,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".
2 0.37518 0.45	0	0.37461	0.45	Ī·57358	0.52								
\$ 0.97542													
1										1			
5 0.87595 0.45					-								
Column   C							-						
7 0.37649 0.45						1							00
8   0.37176   0.45   E.57607   0.52   0.44074   0.55   E.60931   0.60   1.07105   0.22   0.03324   0.10   0.37730   0.45   E.57609   0.52   0.40741   0.57   1.60967   0.62   1.07108   0.22   0.03335   0.08   2.0   0.37730   0.45   E.57731   0.52   0.40875   0.57   1.611040   0.60   1.471941   0.22   0.03335   0.08   2.2   0.37781   0.45   E.57731   0.52   0.40875   0.57   1.611040   0.60   1.471941   0.22   0.03335   0.08   2.2   0.37781   0.45   E.57731   0.52   0.40843   0.57   1.61114   0.60   1.471941   0.22   0.03335   0.08   2.2   0.37811   0.45   E.57732   0.52   0.40843   0.57   1.61114   0.60   1.08030   0.22   0.03335   0.08   2.0   0.3781   0.45   E.57731   0.52   0.40847   0.57   1.61148   0.60   1.08030   0.22   0.03336   0.08   2.0   0.3789   0.45   E.57834   0.52   0.40915   0.57   1.61184   0.60   1.08030   0.22   0.03336   0.08   2.0   0.3799   0.45   E.57835   0.50   0.40945   0.57   1.61230   0.60   1.08030   0.22   0.03336   0.08   2.0   0.3799   0.45   E.57836   0.50   0.40915   0.57   1.61230   0.60   0.80871   0.22   0.03336   0.08   2.0   0.3709   0.45   E.57836   0.50   0.41013   0.57   1.61320   0.60   0.80807   0.20   0.03381   0.08   0.37990   0.45   E.58080   0.52   0.41115   0.57   1.61320   0.60   0.80807   0.20   0.03381   0.08   0.37090   0.45   E.58080   0.52   0.41115   0.57   1.61304   0.60   0.80807   0.20   0.03381   0.08   0.38090   0.45   E.58080   0.52   0.41113   0.57   1.61304   0.60   0.41818   0.22   0.03331   0.08   0.38090   0.45   E.58080   0.52   0.41113   0.57   1.61304   0.60   0.41818   0.22   0.03341   0.08   0.38090   0.45   E.58080   0.52   0.41133   0.57   1.61430   0.60   0.41818   0.22   0.03342   0.08   0.38090   0.45   E.58102   0.50   0.41211   0.57   1.61430   0.60   0.41818   0.22   0.03342   0.08   0.38090   0.45   E.58102   0.50   0.41130   0.57   1.61430   0.60   0.41818   0.22   0.03342   0.08   0.38090   0.45   E.58102   0.50   0.41130   0.57   1.61430   0.60   0.41818   0.22   0.03340   0.08   0.38090   0.45   E.58102   0.50   0.41130   0.57				****									
9 0 - 37730 0 - 45									0.60	1.07955			
1. 0.37787	9	0.37703	0.45	1.57638	0.23	0.40707	0.57	1.60967	0.62	1.07968	0.22	0.03330	
1. 0.87787	10	0.37730	0.45	1.57669	0.52	0.40741	0.57	1.01004	0.60		0.22	0.03335	0.08 50
3	11	0.37757	0.45	1.57700						1 .			0.08 49
1.6	12												
1.5	13												
10		1				1				l			1
7, 0,7915  0.45   T.6788  6.72   0.40070   0.57   1.61260   0.60   1.08071   0.22   0.03371   0.08   0.37939   0.43   T.67947   0.52   0.41047   0.57   1.61292   0.60   1.08084   0.22   0.03371   0.08   1.08087   0.3897   0.43   T.67947   0.52   0.41047   0.57   1.61328   0.60   1.08087   0.22   0.03381   0.08   1.08083   0.23   0.3898   0.45   T.68088   0.62   0.41115   0.57   1.61364   0.60   1.08169   0.22   0.03382   0.08   0.3888   0.45   T.68088   0.62   0.41115   0.57   1.61408   0.60   1.08161   0.22   0.03392   0.08   0.3898   0.45   T.68180   0.52   0.41143   0.57   1.61508   0.60   1.08161   0.22   0.03392   0.08   0.08   0.38164   0.45   T.68182   0.40   0.41151   0.57   1.61508   0.60   1.08161   0.22   0.03402   0.08   0.38164   0.45   T.68182   0.62   0.41151   0.57   1.61508   0.60   1.08161   0.22   0.03402   0.08   0.38161   0.45   T.68182   0.50   0.41251   0.57   1.61508   0.60   1.08161   0.22   0.03402   0.08   0.38161   0.45   T.68182   0.50   0.41251   0.57   1.61508   0.60   1.08161   0.22   0.03412   0.08   0.38161   0.45   T.68182   0.50   0.41251   0.57   1.61501   0.60   1.08161   0.22   0.03412   0.08   0.38251   0.43   T.68182   0.50   0.41251   0.57   1.61501   0.60   1.08161   0.22   0.03412   0.08   0.38251   0.38   T.68182   0.50   0.41251   0.57   1.61501   0.60   1.08161   0.22   0.03412   0.08   0.38251   0.38   T.68144   0.50   0.41451   0.57   1.61501   0.60   1.08256   0.22   0.03412   0.08   0.38251   0.38   0.38514   0.52   0.41452   0.57   1.61501   0.60   1.08256   0.22   0.03412   0.08   0.38514   0.52   0.41452   0.57   1.61501   0.60   1.08256   0.22   0.03412   0.08   0.38514   0.52   0.41452   0.57   1.61501   0.60   1.08256   0.22   0.03412   0.08	15												
18	17												
9	18												
20	19					0.41047			0.60	1.08097	0.20		
12	20	0.37999	0.45	1.57978	0.50	0.41081	0.57	1.61364	0.60	1.08109	0.22	0.03386	1
28	21	0.88026		1.58008	0.52			1.61400				0.03399	
24   0-38107   0-45   T-58101   0-50   0-41217   0-57   1-61508   0-60   1-98161   0-22   0-034107   0-08   1	22												0.08 38
25	23												
Column   C		}								<b>{</b>			1
17	25												
Record   R	27									1 .			
0	28												
0.0   0.0	29												
11	30	0.88268	0.45	1.58284	0.50	0.41421	0.57	1-61722	0.60	1-08239	0.22	0.03438	1
38 0.38340 0.45 1.58375 0.52 0.41524 0.57 1.61830 0.58 1.08278 0.22 0.03454 0.08 1 0.88376 0.45 1.58406 0.50 0.41558 0.57 1.61865 0.60 1.08291 0.23 0.03459 0.10 1.08387 0.38458 0.45 1.58407 0.50 0.41604 0.57 1.61806 0.60 1.08318 0.22 0.03470 0.08 1.08384 0.38 1.58407 0.50 0.41606 0.57 1.61806 0.60 1.08318 0.22 0.03470 0.08 1.08384 0.38 1.08384 0.45 1.58497 0.50 0.41604 0.57 1.61807 0.60 1.08318 0.22 0.03470 0.08 1.08386 0.45 1.58557 0.50 0.41604 0.57 1.61808 0.60 1.08318 0.22 0.03470 0.08 1.08388 0.45 1.58557 0.50 0.41728 0.58 1.62043 0.60 1.08357 0.22 0.03480 0.10 1.08387 0.45 1.58658 0.50 0.41728 0.58 1.62043 0.60 1.08357 0.22 0.03480 0.08 1.08386 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.08 1.08388 0.23 0.03486 0.08 1.08388 0.23 0.03486 0.08 1.08388 0.23 0.03486 0.08 1.08388 0.23 0.03486 0.10 1.08388 0.23 0.03486 0.10 1.08388 0.23 0.03486 0.10 1.08388 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03486 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.08888 0.23 0.03488 0.10 1.088	81		0.45	1.58314						1-08252			
34 0-38376 0-45 1-58406 0-50 0-41558 0-57 1-61865 0-60 1-08291 0-23 0-08459 0-10 1 1 0-38430 0-45 1-58436 0-52 0-41626 0-57 1-6186 0-60 1-08318 0-22 0-03466 0-8 1 0-38430 0-43 1-58467 0-50 0-41626 0-57 1-61836 0-60 1-08318 0-22 0-03470 0-88 1 1 0-38480 0-45 1-58497 0-50 0-41626 0-57 1-61836 0-60 1-08318 0-22 0-03470 0-88 1 0-38483 0-45 1-58527 0-50 0-41626 0-57 1-62008 0-58 1-08334 0-22 0-03480 0-10 1 0-38510 0-45 1-58527 0-50 0-41728 0-58 1-62043 0-60 1-08357 0-22 0-03480 0-10 1 0-38537 0-24 1-58588 0-50 0-41728 0-58 1-62043 0-60 1-08357 0-22 0-03480 0-10 1 0-38537 0-45 1-58648 0-50 0-41737 0-57 1-62150 0-58 1-08370 0-22 0-03496 0-10 1 0-38517 0-45 1-58648 0-50 0-41865 0-57 1-62150 0-58 1-08410 0-22 0-03496 0-10 1 0-28517 0-45 1-58648 0-50 0-41865 0-57 1-62150 0-58 1-08410 0-22 0-03502 0-88 1 0-3864 0-45 1-58700 0-50 0-41869 0-57 1-622150 0-58 1-08410 0-22 0-03502 0-88 1 0-3864 0-45 1-58700 0-50 0-41869 0-57 1-622150 0-58 1-08410 0-22 0-03502 0-88 1 0-3864 0-45 1-58730 0-50 0-41868 0-57 1-62239 0-58 1-08433 0-22 0-03512 0-08 1 0-38752 0-43 1-58859 0-50 0-41968 0-57 1-62239 0-58 1-08433 0-22 0-03512 0-08 1 0-38752 0-43 1-58859 0-50 0-42002 0-57 1-62392 0-58 1-08463 0-22 0-03523 0-08 1 0-38752 0-43 1-58859 0-50 0-42002 0-57 1-62392 0-58 1-08463 0-22 0-03539 0-08 1 0-038778 0-45 1-58859 0-50 0-42000 0-57 1-62398 0-58 1-08469 0-22 0-03539 0-10 1 0-038778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08469 0-22 0-03539 0-10 1 0-038778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08469 0-22 0-03553 0-10 1 0-038778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08469 0-22 0-03553 0-10 1 0-038778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08569 0-22 0-03553 0-10 1 0-038778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08569 0-22 0-03553 0-10 1 0-038778 0-45 1-58859 0-50 0-42207 0-58 1-62398 0-58 1-08569 0-22 0-03554 0-10 1 0-038778 0-45 1-58959 0-50 0-42207 0-58 1-62369 0-58 1-08569 0-22 0-03560 0-10 1 0-038778 0-45 1-58969 0-50 0-42207 0-58 1-62574 0-58 1-08569 0-22 0-03560 0-10 1 0-03877 0-08 1-08597 0-20 0-20 0-	32	1 .											
0.38403 0.45	33												
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88 0-38483 0-45 1-58557 0-50 0-41604 0-57 1-62008 0-58 1-08344 0-22 0-03480 0-10 1 0-38510 0-45 1-58557 0-52 0-41728 0-58 1-62043 0-60 1-08357 0-22 0-03486 0-08 1 0-385510 0-45 1-58658 0-60 0-41763 0-57 1-62079 0-58 1-08370 0-22 0-03491 0-08 1 1 0-38564 0-45 1-58668 0-50 0-41763 0-57 1-62144 0-60 1-08397 0-22 0-03491 0-08 1 0-38591 0-43 1-58648 0-50 0-41831 0-57 1-62185 0-60 1-08410 0-22 0-03502 0-08 1 0-38591 0-45 1-58678 0-52 0-41865 0-57 1-62185 0-60 1-08410 0-22 0-03507 0-08 1 0-38644 0-45 1-58700 0-50 0-41899 0-57 1-62185 0-60 1-08410 0-22 0-03512 0-08 1 0-38644 0-45 1-58700 0-50 0-41933 0-58 1-62221 0-58 1-08423 0-22 0-03512 0-08 1 0-3866 0-45 1-58700 0-50 0-41968 0-57 1-62222 0-58 1-08449 0-23 0-03523 0-08 1 0-3866 0-45 1-58700 0-50 0-41968 0-57 1-62322 0-58 1-08449 0-23 0-03523 0-08 1 0-38725 0-45 1-58790 0-50 0-42036 0-57 1-62322 0-58 1-08449 0-23 0-03523 0-08 1 0-38725 0-45 1-58890 0-50 0-42036 0-57 1-62302 0-60 1-08476 0-22 0-03523 0-08 1 0-38778 0-45 1-58859 0-50 0-42070 0-58 1-62302 0-60 1-08476 0-22 0-03539 0-08 1 0-38852 0-45 1-58890 0-50 0-42070 0-58 1-62302 0-60 1-08476 0-22 0-03539 0-08 1 0-38885 0-45 1-58849 0-50 0-42105 0-57 1-62468 0-58 1-08503 0-22 0-03549 0-10 0-38885 0-45 1-58890 0-50 0-42105 0-57 1-62468 0-58 1-08503 0-22 0-03549 0-10 0-38852 0-45 1-58949 0-50 0-42173 0-57 1-62468 0-60 1-08516 0-22 0-03555 0-08 1-08556 0-38 1-08560 0-38 1-58979 0-50 0-42207 0-58 1-62509 0-58 1-08542 0-23 0-03560 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62509 0-58 1-08542 0-23 0-03560 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62509 0-58 1-08560 0-22 0-03565 0-08 1-08560 0-22 0-03565 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62509 0-58 1-08560 0-22 0-03565 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62574 0-58 1-08560 0-22 0-03565 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62574 0-58 1-08560 0-22 0-03565 0-08 1-08560 0-45 1-59030 0-50 0-42207 0-58 1-62574 0-58 1-08560 0-22 0-03565 0-08 1-08560 0-22 0-03567 0-08 1-08560 0-45 1-59030 0-50 0-42443 0-57 1-62600 0-60 1-08600 0-22 0-03567 0-08	87												
0.98510   0.45   1.58557   0.52   0.41728   0.58   1.62043   0.60   1.08357   0.22   0.03486   0.08   1.08587   0.45   1.58588   0.50   0.41763   0.57   1.62114   0.60   1.08387   0.22   0.03491   0.08   1.08357   0.45   1.58648   0.50   0.41797   0.57   1.62114   0.60   1.08387   0.22   0.03496   0.10   0.85951   0.45   1.58648   0.50   0.41865   0.57   1.62185   0.58   1.08397   0.22   0.03507   0.08   1.088617   0.45   1.58648   0.50   0.41865   0.57   1.62185   0.60   1.08410   0.22   0.03507   0.08   1.088617   0.45   1.58790   0.50   0.41865   0.57   1.62285   0.60   1.08410   0.22   0.03517   0.10   0.88608   0.45   1.58790   0.50   0.41868   0.57   1.62292   0.58   1.08449   0.23   0.03523   0.08   1.088618   0.88617   0.45   1.58790   0.50   0.41868   0.57   1.62292   0.58   1.08449   0.23   0.03523   0.08   1.088778   0.45   1.58829   0.50   0.42002   0.57   1.62237   0.58   1.08449   0.23   0.03523   0.08   1.088778   0.45   1.58829   0.50   0.42062   0.57   1.62362   0.60   1.08449   0.22   0.03533   0.08   1.088778   0.45   1.58829   0.50   0.42070   0.58   1.62362   0.60   1.08489   0.23   0.05533   0.08   1.08888   0.38778   0.45   1.58899   0.50   0.42189   0.57   1.62362   0.60   1.08503   0.22   0.03533   0.08   1.08888   0.38865   0.45   1.58979   0.50   0.42173   0.57   1.62364   0.58   1.08503   0.22   0.03540   0.10   0.38885   0.45   1.58979   0.50   0.42277   0.58   1.62504   0.58   1.08509   0.22   0.03550   0.08   0.38886   0.45   1.58979   0.50   0.42277   0.58   1.62504   0.58   1.08509   0.22   0.03565   0.08   0.38986   0.45   1.59009   0.50   0.42277   0.58   1.62504   0.58   1.08509   0.22   0.03576   0.08   0.38993   0.45   1.59009   0.50   0.42277   0.58   1.62574   0.58   1.08509   0.22   0.03576   0.08   0.38993   0.45   1.59009   0.50   0.42277   0.58   1.62504   0.58   1.08509   0.22   0.03576   0.08   0.38993   0.45   1.59009   0.50   0.42277   0.58   1.62504   0.58   1.08509   0.22   0.03576   0.08   0.38993   0.45   1.59009   0.50   0.42242   0.57   1.62575   0.58   1.	38												
14 0.38564 0.45 1.58618 0.50 0.41797 0.57 162114 0.60 1.08383 0.23 0.03496 0.10 0.285591 0.43 1.58648 0.50 0.41881 0.57 1.62150 0.58 1.08397 0.22 0.03502 0.08 1.083617 0.45 1.58790 0.50 0.41899 0.57 1.62185 0.60 1.08493 0.22 0.03512 0.08 1.083617 0.45 1.58790 0.50 0.41899 0.57 1.62221 0.58 1.08493 0.22 0.03512 0.08 1.083617 0.45 1.58790 0.50 0.41893 0.58 1.62256 0.60 1.08436 0.22 0.03512 0.08 1.08808 0.45 1.58790 0.50 0.41993 0.57 1.62292 0.58 1.08449 0.23 0.03513 0.08 1.08808 0.45 1.58799 0.50 0.42002 0.57 1.62292 0.58 1.08449 0.23 0.03523 0.08 1.088752 0.43 1.58829 0.50 0.42002 0.57 1.62362 0.60 1.08476 0.22 0.03523 0.08 1.088788 0.45 1.58859 0.50 0.42070 0.58 1.62398 0.58 1.08489 0.23 0.03539 0.08 1.088859 0.45 1.58889 0.50 0.42165 0.57 1.62362 0.60 1.08476 0.22 0.03539 0.08 1.088885 0.45 1.58899 0.50 0.42165 0.57 1.62362 0.60 1.08476 0.22 0.03539 0.08 1.088886 0.45 1.58919 0.50 0.42165 0.57 1.62368 0.58 1.08503 0.22 0.03544 0.08 1.088886 0.45 1.58919 0.50 0.42173 0.57 1.62468 0.60 1.08516 0.22 0.03540 0.10 0.38886 0.45 1.58949 0.50 0.42173 0.57 1.62504 0.58 1.08509 0.22 0.03550 0.08 1.08886 0.45 1.58999 0.50 0.42173 0.57 1.62504 0.58 1.08509 0.22 0.03560 0.08 1.08899 0.45 1.59099 0.50 0.42242 0.57 1.62504 0.58 1.08509 0.22 0.03560 0.08 1.08899 0.45 1.59099 0.50 0.42242 0.57 1.62504 0.58 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03560 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03570 0.08 1.08509 0.22 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.08509 0.23 0.03597 0.08 1.0850	39												
1.1	40	0.38587	0.45	1.58588	0.50	0.41763	0.67	1-62079	0.58	1-08370	0.22	0.03491	0.08 20
1.0   1.0	4.1				0.50				0.60			0.03496	
14	42					1							4 1
1.	43												
10   10   10   10   10   10   10   10						}							1
17 0-38725 0-45 1-58799 0-50 0-42002 0-57 1-62327 0-58 1-08463 0-22 0-03528 0-08 1-08778 0-43 1-58829 0-50 0-42070 0-58 1-62302 0-60 1-08476 0-22 0-03533 0-10 0-38778 0-45 1-58889 0-50 0-42070 0-58 1-62308 0-58 1-08489 0-23 0-03539 0-08 1-088832 0-45 1-58919 0-50 0-42165 0-57 1-62408 0-60 1-08516 0-22 0-03544 0-08 0-38832 0-45 1-58919 0-50 0-42139 0-57 1-62408 0-60 1-08516 0-22 0-03549 0-10 0-42165 0-57 1-62408 0-60 1-08516 0-22 0-03549 0-10 0-42165 0-57 1-62408 0-60 1-08516 0-22 0-03549 0-10 0-42165 0-57 1-62504 0-58 1-08504 0-22 0-03555 0-08 0-42173 0-57 1-62504 0-58 1-08542 0-23 0-03555 0-08 0-42173 0-57 1-62574 0-58 1-08542 0-23 0-03555 0-08 0-42173 0-57 1-62574 0-58 1-08566 0-22 0-03566 0-08 0-42173 0-57 1-62574 0-58 1-08566 0-22 0-03566 0-10 0-42173 0-57 1-62574 0-58 1-08566 0-22 0-03566 0-10 0-42173 0-57 1-62574 0-58 1-08566 0-22 0-03566 0-10 0-42173 0-57 1-62574 0-58 1-08566 0-22 0-03566 0-10 0-42173 0-57 1-62574 0-58 1-08569 0-22 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 1-08566 0-23 0-03576 0-08 0-42173 0-08 0-42173 0-08 1-08566 0-22 0-03587 0-08 0-42173 0-08 0-42173 0-08 1-08669 0-23 0-03587 0-08 0-42173 0-08 0-42173 0-08 1-08669 0-23 0-03587 0-08 0-42173 0-08 0-42173 0-08 1-08669 0-23 0-03587 0-08 0-42173 0-08 0-42173 0-08 1-08669 0-23 0-03587 0-08 0-42173 0-08 0-42173 0-08 1-08669 0-23 0-03587 0-08 0-42173 0-08 0													
18 0-38752 0-43 1-58829 0-50 0-42050 0-57 1-62302 0-60 1-08476 0-22 0-03533 0-10 0-38778 0-45 1-58859 0-50 0-42070 0-58 1-62398 0-58 1-08489 0-23 0-03539 0-08 1-038850 0-45 1-58819 0-50 0-42105 0-57 1-62433 0-58 1-08516 0-22 0-03544 0-08 1-08855 0-45 1-58949 0-50 0-42173 0-57 1-62468 0-60 1-08516 0-22 0-03549 0-10 0-42189 0-57 1-62468 0-60 1-08516 0-22 0-03549 0-10 0-42173 0-57 1-62504 0-58 1-08516 0-22 0-03550 0-08 1-08886 0-43 1-58979 0-50 0-422173 0-57 1-62504 0-58 1-08542 0-23 0-03550 0-08 1-08542 0-23 0-03560 0-08 1-08542 0-23 0-03560 0-08 1-08542 0-23 0-03560 0-08 1-08542 0-23 0-03560 0-10 0-42212 0-57 1-62574 0-58 1-08556 0-22 0-03560 0-10 0-42212 0-57 1-62574 0-58 1-08556 0-22 0-03560 0-10 0-42212 0-57 1-62574 0-58 1-08556 0-22 0-03560 0-10 0-42212 0-57 1-62600 0-60 1-08560 0-22 0-03571 0-08 0-89930 0-45 1-59039 0-50 0-42310 0-58 1-62645 0-58 1-08582 0-23 0-03570 0-08 0-42345 0-57 1-62680 0-58 1-08560 0-22 0-03571 0-08 0-42345 0-57 1-62680 0-58 1-08560 0-22 0-03581 0-10 0-42345 0-57 1-62680 0-58 1-08560 0-22 0-03581 0-10 0-42345 0-57 1-62750 0-58 1-08609 0-23 0-03570 0-08 0-39046 0-45 1-59128 0-50 0-42379 0-57 1-62750 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59128 0-50 0-42343 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42443 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42443 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42443 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42443 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42447 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42447 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42447 0-57 1-62755 0-58 1-08609 0-23 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42447 0-57 1-62755 0-58 1-08605 0-22 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42443 0-57 1-62755 0-58 1-08605 0-22 0-03597 0-08 0-39046 0-45 1-59158 0-50 0-42447 0-57 1-62755 0-58 1-08605 0-22 0-03597 0-08 0-30597 0-08	47												
10	48	0.88752											
0.38832	49	0.38778	0.45	1.58859									
0.38832	50			1.58889	0.50		0.57	1.62433	0.58	1-08503		0-03544	0.08 10
0.88886	51			1.58919	0.50	0.42139	0.57	1.02468	0.00	1-08516	0.22	0.03549	0.10 8
54 0-38912 0-45 1-59009 0-50 0-42242 0-57 1-62574 0-58 1-08556 0-22 0-03565 0-10 55 0-38930 0-45 1-59030 0-50 0-42276 0-57 1-62609 0-60 1-08509 0-22 0-03571 0-68 56 0-38996 0-45 1-59069 0-48 0-42310 0-58 1-62645 0-58 1-08582 0-23 0-03570 0-08 57 0-38999 0-45 1-59098 0-50 0-42345 0-57 1-62680 0-58 1-08506 0-22 0-03581 0-10 58 0-39020 0-43 1-59128 0-50 0-42379 0-57 1-62715 0-58 1-08609 0-23 0-03587 0-08 58 0-39046 0-45 1-59158 0-50 0-42379 0-57 1-62715 0-58 1-08609 0-23 0-03587 0-08 59 0-39046 0-45 1-59158 0-50 0-42413 0-57 1-62750 0-58 1-08628 0-22 0-03592 0-08 50 0-39078 1-59188 0-50 0-42447 1-62785 1-08036 0-22 0-03597  Cos. D. 1". Log Cos. D. 1". Cat. D. 1". Log Cot. D. 1". Cosc. D. 1". Log Cosc. D. 1".	52	P											
55 0-38930 0-45 1-59030 0-50 0-42276 0-57 1-02609 0-60 1-08509 0-22 0-03571 0-08   56 0-88966 0-45 1-59069 0-48 0-42310 0-58 1-02645 0-58 1-08502 0-23 0-03576 0-08   57 0-88993 0-45 1-59089 0-50 0-42345 0-57 1-02680 0-58 1-08596 0-22 0-03581 0-10   58 0-39020 0-43 1-59128 0-50 0-42379 0-57 1-02715 0-58 1-08609 0-23 0-03587 0-08   59 0-39046 0-45 1-59158 0-50 0-42413 0-57 1-02750 0-58 1-08609 0-23 0-03587 0-08   50 0-39078 1-59188 0-50 0-42447 1-02785 1-08036 0-22 0-03597    Cos. D. 1". Log Cos. D. 1". Cat. D. 1". Log Cat. D. 1". Cosec. D. 1". Log Cosec. D. 1".	54												
56 0-88966 0-45 1-59069 0-48 0-42310 0-58 1-62645 0-58 1-08582 0-23 0-03576 0-08 0-88993 0-45 1-59098 0-50 0-42345 0-57 1-62680 0-58 1-08506 0-22 0-03581 0-10 0-88 0-89020 0-43 1-59128 0-50 0-42379 0-57 1-62715 0-58 1-08609 0-23 0-03587 0-08 0-20 0-45 1-59158 0-50 0-42413 0-57 1-62715 0-58 1-08628 0-22 0-03592 0-08 0-39046 0-45 1-59158 0-50 0-42413 0-57 1-62750 0-58 1-08628 0-22 0-03592 0-08 0-3507 0-3507 0-42447 1-62785 1-08036 0-03597 0-03597 0-08 0-03597 0		i				ì				ŧ .			1
57 0-88998 0-45 1-59098 0-50 0-42345 0-57 1-62680 0-58 1-08596 0-22 0-03581 0-10 58 0-39020 0-43 1-59128 0-50 0-42879 0-57 1-62715 0-58 1-08609 0-23 0-03587 0-08 50 0-39046 0-45 1-59158 0-50 0-42413 0-57 1-62715 0-58 1-08628 0-22 0-03592 0-08 50 0-39078 1-59188 0-42447 1-62785 1-08636 0-022 0-03597  Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".	56												
58 0-89020 0-43 1-59128 0-50 0-42879 0-57 1-62715 0-58 1-08609 0-23 0-03587 0-08	57												
00 0-89046 0-45 1-59158 0-50 0-42413 0-57 1-62750 0-58 1-08623 0-22 0-03592 0-08 0-03597 0-08 0-08 0-08 0-08 0-08 0-08 0-08 0-0	58			1.59128									
Oos. D. 1". Log Cos. D. 1".   Cot. D. 1". Log Cot. D. 1".   Cosec. D. 1".	59	0.39046											
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".	60	0.39073		T.59188		0.42447		*		1			
	*Adams	Сов.	D. 1".	HE BORDSON HELD THE MANAGES	D. 1"		D 1"				11 17	eren i i i i i i i i i i i i i i i i i i i	77-1-1-15-5 15-7 <b>300000</b>
	-			Duamant!	A-1 A 1	1 000.	27, 3, 4	IME COL	47. L .	L DANG.	17, 1 ,	TAIR COMM	3, 27, 2 0

			VI I I I			OIA	71101	CV	X II	EIR	LOG	r.S.	23°
'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3	0·39073 0·39100 0·39127 0·39153	0·45 0·45 0·43 0·45	$egin{array}{c} \overline{1}.59188 \\ \overline{1}.59218 \\ \overline{1}.59247 \\ \overline{1}.59277 \\ \hline{1}.59277 \\ $	0.50 0.48 0.50 0.50	$0.42516 \\ 0.42551$	0·58 0·57 0·58 0·57	$\begin{array}{c} \overline{1}.62785 \\ \overline{1}.62820 \\ \overline{1}.62855 \\ \overline{1}.62890 \end{array}$	0·58 0·58 0·58 0·60	1.08636 1.08649 1.08663 1.08676	0.22 $0.23$ $0.22$ $0.23$	0.03597 0.03603 0.03608 0.03613	0·10 0·08 0·08 0·10	60 59 58 57
4 5 6 7 8	$\begin{vmatrix} 0.39180 \\ 0.39207 \\ 0.39234 \\ 0.39260 \\ 0.39287 \end{vmatrix}$	0·45 0·45 0·43 0·45	1.59307 1.59386 1.59366 1.59396 1.59425	0·48 0·50 0·50 0·48 0·50	$egin{array}{c} 0.42585 \\ 0.42619 \\ 0.42654 \\ 0.42688 \\ 0.42722 \end{array}$	0·57 0·58 0·57 0·57 0·58	1.62926 1.62961 1.62996 1.63031 1.63066	0.58 0.58 0.58 0.58	1.08690 1.08703 1.08717 1.08730 1.08744	0·22 0·23 0·22 0·23 0·22	0.03619 0.03624 0.03630 0.03635 0.03640	0.08 0.10 0.08 0.08 0.10	56 55 54 53
9 10 11 12	0·39314 0·39341 0·39367 0·39394 0·39421	0·45 0·45 0·45 0·45	T-59455 T-59484 T-59514 T-59543 T-59573	0.48 0.50 0.48 0.50 0.48	$ \begin{vmatrix} 0.42757 \\ 0.42791 \\ 0.42826 \\ 0.42860 \end{vmatrix} $	0·57 0·58 0·57 0·57	$\overline{1}$ :63101 $\overline{1}$ :63135 $\overline{1}$ :63170 $\overline{1}$ :63205	0.57 0.58 0.58 0.58	1.08757 1.08771 1.08784 1.08798	0.23 $0.22$ $0.23$ $0.22$	0.03646 0.03651 0.03657 0.03662	0·08 0·10 0·08 0·08	52 51 50 49 48
13 14 15 16 17	$\begin{array}{c} 0.39448 \\ 0.39474 \\ 0.39501 \\ 0.39528 \end{array}$	0·43 0·45 0·45 0·45	1.59602 1.59632 1.59661 1.59690	0.50 0.48 0.48 0.50	0.43032	0.58 0.57 0.58 0.57 0.58	1.63240 1.63275 1.63310 1.63345 1.63379	0.58 0.58 0.58 0.57 0.58	1.08811 1.08825 1.08839 1.08852 1.08866	0·23 0·23 0·22 0·23 0·23	0.03667 0.03678 0.03678 0.03684 0.03689	0·10 0·08 0·10 0·08 0·10	47 46 45 44 43
18 19 20 21 22	$\begin{bmatrix} 0.39555 \\ 0.39581 \\ 0.39608 \\ 0.39635 \\ 0.39661 \end{bmatrix}$	0·43 0·45 0·45 0·43 0·45	1.59729 1.59749 1.59778 1.59808 1.59837	0·48 0·48 0·50 0·48 0·48	$egin{array}{c} 0.43067 \\ 0.43101 \\ 0.43136 \\ 0.43170 \\ 0.43205 \\ \end{array}$	0.57 0.58 0.57 0.58 0.57	1.63414 1.63449 1.63484 1.63519 1.63553	0.58 0.58 0.58 0.57 0.58	1.08893 1.08907 1.08920	0·22 0·23 0·22 0·23 0·23	0.03695 0.03700 0.03706 0.03711 0.03716	0.08 0.10 0.08 0.08 0.10	42 41 40 39 38
23 24 25 26 27	0.39688 0.39715 0.39741 0.39768 0.39795	0·45 0·45 0·45 0·45 0·45	1.59866 1.59895 1.59924 1.59954 1.59983	0.48 0.48 0.50 0.48 0.48	$0.43239 \\ 0.43274 \\ 0.43308 \\ 0.43343 \\ 0.43378$	0.58 0.57 0.58 0.58 0.57	T-63588 T-63623 T-63657 T-63692 T-63726	0.58 0.57 0.58 0.57 0.58	1.08948 1.08962 1.08975 1.08989 1.09003	0·23 0·22 0·23 0·23 0·23	0·03722 0·03727 0·03733 0·03738	0.08 0.10 0.08 0.10	37 36 35 34
28 29 30 31	0.39848 0.39848 0.39875 0.39902	0·43 0·45 0·45 0·43	1.60012 1.60041 1.60070 1.60099	0·48 0·48 0·48 0·48	0·43412 0·43447 0·43481 0·43516	0·58 0·57 0·58 0·57	T-63761 T-63796 T-63830 T-63865	0·58 0·57 0·58 0·57	1.09017 1.09030 1.09044 1.09058	0·22 0·23 0·23 0·23	0.03744 0.03749 0.03755 0.03760 0.03766	0.08 0.10 0.08 0.10 0.08	33 32 31 30 29
32 33 34 35 36	0.39928 0.39955 0.39982 0.40008 0.40035	0·45 0·45 0·43 0·45 0·45	1.60128 1.60157 1.60186 1.60215 1.60244	0.48 0.48 0.48 0.48 0.48	0.43550 0.43585 0.43620 0.43654 0.43689	0.58 0.57 0.58 0.58 0.58	T-63934 T-63968 T-64003 T-64037	0.58 0.57 0.58 0.57 0.58	1.09072 1.09086 1.09099 1.09113 1.09127	0·23 0·22 0·23 0·23	0.03771 0.03777 0.03782 0.03788 0.03793	0·10 0·08 0·10 0·08 0·10	28 27 26 25 24
37 38 39 40	0·40062 0·40088 0·40115 0·40141	0·43 0·45 0·43 0·45	1.60273 1.60302 1.60331 1.60359	0·48 0·48 0·47 0·48	0·43724 0·43758 0·43793 0·43828	0.57 0.58 0.58 0.57	1.64072 1.64106 1.64140 1.64175	0.57 0.57 0.58 0.57	1.09141 1.09155 1.09169 1.09188	0·23 0·23 0·23 0·23	0·03799 0·03804 0·03810 0·03815	0.08 0.10 0.08 0.10	23 22 21 20
41 42 43 44 45	$   \begin{bmatrix}     0.40168 \\     0.40195 \\     0.40221 \\     0.40248 \\     0.40275 $	0·45 0·45 0·45 0·45 0·45	1.60388 1.60417 1.60446 1.60474 1.60503	0.48 0.48 0.47 0.48	0.43862 0.43897 0.43932 0.43966 0.44001	0.58 0.58 0.57 0.58 0.58	T·64209 T·64243 T·64278 T·64312 T·64346	0.57 0.58 0.57 0.57 0.58	1.09197 1.09211 1.09224 1.09238	0·23 0·22 0·23 0·23	0.03821 0.03826 0.03832 0.03838 0.03843	0.08 0.10 0.10 0.08 0.10	19 18 17 16
46 47 48 49	0-40301 0-40328 0-40355	0·45 0·45 0·43 0·45	1.60532 1.60561 1.60589 1.60618	0·48 0·47 0·48	0.44036 0.44071 0.44105 0.44140	0.58 0.57 0.58 0.58	T·64381 T·64415 T·64449 T·64483	0.57 0.57 0.57 0.57	1.09266 1.09280 1.09294 1.09308	0.23 $0.23$ $0.23$ $0.25$	0.03849 0.03854 0.03860 0.03865	0·08 0·10 0·08 0·10	14 13 12 11
50 51 52 53 54	0·40408 0·40434 0·40461 0·40488 0·40514	0·43 0·45 0·45 0·43 0·45	1.60646 1.60678 1.60704 1.60732 1.60761	0·48 0·48 0·47 0·48 0·47	0.44175 0.44210 0.44244 0.44279 0.44314	0.58 0.57 0.58 0.58 0.58	T.64517 T.64552 T.64586 T.64620 T.64654	0.58 0.57 0.57 0.57 0.57	1.09323 1.09337 1.09351 1.09365 1.09379	0·23 0·23 0·23 0·23 0·23	0·03871 0·03877 0·03882 0·03888 0·03893	0·10 0·08 0·10 0·08 0·10	10 9 8 7 6
55 56 57 58 59	0-40541 0-40567 0-40594 0-40621 0-40647	0-43 0-45 0-45 0-43 0-45	1.60789 1.60818 1.60846 1.60875 T.60903	0·48 0·47 0·48 0·47 0·47	0·44349 0·44384 0·44418 0·44463 0·44488	0.58 0.57 0.58 0.58 0.58	I·64688 I·64722 I·64756 I·64790 I·64824	0.57 0.57 0.57 0.57 0.57	1.09393 1.09407 1.09421 1.09435 1.09449	0·23 0·23 0·23 0·23 0·25	0.03899 0.03905 0.03910 0.03916 0.03921	0·10 0·08 0·10 0·08 0·10	5 4 3 2
60	0.40674	· · · · com a relation frage of	1.60931	Voltan raminos	0.44528	antantini komini	1.64858	ma <del>nder Ma</del> nada	1.09464		0.03927		0
	Cost	D. 1".	Log Cos.	D. 1".	·		Log Cot.		Cosec.		Log Cosec.	D, 1".	

<u> </u>	1 1/1	GOI	VOIVI	- 1 L					1				0
,	Sine.	D. 1".	Log Sin.	D. 1".	Tun.	p. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.40674	0.43	1.60931	0.48	0.44523	0.58	1.64858	0.57	1.09464	0.23	0.03927	0.10	60
	0.40700	0.45	1.60960	0.47	0.44558	0.58	1.64892	0.57	1.09478	0.23	0.03933	0.08	59
2	0.40727	0.43	1.60988	0.47	0.44593	0.57	1.64926	0.57	1.09492	0.23	0.03938	0.10	58
3	0.40753	0.45	1.61016	0.48	0.44627	0.68	1.64960	0.57	1.09506	0.23	0.03944	0.10	57
4	0.40780	0.43	1.61045	0.47	0.44662	0.58	1.64994	0.57	1.09520	0.25	0.03950	0.08	56
5	0.40806	0.45	1.61073	0.47	0.44697	0.58	1.65028	0.57	1.09535	0.23	0.03955	0.10	55
	0.40833	0.45	1.61101	0.47	0.44732	0.58	1.65062	0.57	1.09549	0.23	0.03961	0.08	54
7	0.40860	0.43	1.61129	0.48	0.44767	0.68	1.65096	0.57	1.09563	0.23	0.03966	0.10	53
8	0.40886	0.45	1 61158	0.47	0.44802	0.58	1.65130 1.65164	0.57 0.55	1.09577 $1.09592$	0.25	0.03972	0.10	52
9	0.40913	0.43	1.61186	0.47	0.44837	0.58				0.23	0.03978	0.08	51
	0.40939	0.45	1.61214	0.47	0.44872	0.58	1.65197	0.57	1-09606	0.23	0.03983	0.10	50
	0.40966	0.43	1 61242	0.47	0.44907	83.0 83.0	1.65231 1.65265	0.57	1-09620   1-09635	0.25	- 0.03989 - 0.03995	0.10	49
	0.40992	0.45 0.43	$1.61270 \\ 1.61298$	0.47	0.44977	0.58	1.65299	0.57	1.09649	0.23	0.04000	0.08	48
	0.41045	0.45	1.61326	0.47	0.45012	0.58	1.65333	0.55	1.09663	0.25	0.04006	0.10	47 46
				0.47	0.45047	0.58	1-65366	0.57	1-09678	0.23	0.04012	í	1 1
	0·41072 0·41098	0·43 0·45	1.61354	0.48	0.45082	0.58	1.65400	0.67	1-09692	0.25	0.04018	0·10 0·08	45
	0.41125	0.43	1.01411	0.45	0.45117	0.58	1-65434	0.55	1-09707	0.23	0.04023	0.10	44 43
	0.41151	0.45	1.61438	0.47	0.45152	0.58	1.65467	0.57	1.09721	0.23	0.04029	0.10	42
	0.41178	0.43	1.61466	0.47	0.45187	84.0	1.65501	0.57	1.09735	0.25	0.04035	0.08	41
1	0.41204	0.45	1.01494	0.47	0.45222	84.0	1.05535	0/55	1-09750	0.23	0-04040	0.10	40
	0.41231	0.43	1 61522	0.47	0.45257	0.58	1.65568	0.57	1 09764	0.25	0.04046	0.10	39
22	0.41257	0.45	1.61550	0.47	0.45292	0.58	1.05602	0.57	1.09779	0.23	0.04052	0.10	38
	0.41284	0.43	1.61578	0.47	0.45327	83.0	1.65636	0.55	1.09793	0.25	0.04058	0.08	87
24	0.41310	0.45	1.61606	0.47	0.45362	84.0	1.65669	0.67	1.09808	0.23	0-04068	0.10	30
25	0.41337	0.43	1.61.634	0.47	0.45397	0.58	1.05703	0.55	1.09822	0.25	0.04069	0-10	35
	0.41363	0.45	1.61662	0.45	0.45432	83.0	1.66736	0.57	1.09837	0.23	0.04075	0.08	34
27	0.41390	0.43	1.61689	0.47	0.45467	0.68	1.65770	0.55	1.09851	0.25	0.04080	0.10	33
	0.41416	0.45	1.61717	0.47	0.45502	0.60	1.65863	0.57	1.09866	0.23	0.04086	0.10	32
	0.41443	0.43	1.61745	0.17	0.45538	0.58	1.65837	0.55	1.09880	0.25	0.04092	0.10	31
** 0	0.41469	0.45	1.61778	0.45	0.45573	0.68	1.05870	0.57	1-09895	0.23	0.04098	0.08	30
31	0.41496	0.43	1.61800	0.47	0.45608	84.0	1.65904	0.55	1.09909	0.25	0.04103	0.10	29
32	0.41522	0.45	1.61828	0.47	0.45643	8 3.0	1-65937	0.57	1-09924	0.25	0.04109	0.10	28
38 34	0·41549 0·41575	0·48 0·45	1.61856 1.61883	0.47	0.45678	84·0 84·0	1.66971	0.55	1-09939	0-23 0-25	0 04115 0 04121	0.10	27
1 1												ı	26
35	0.41602 0.41628	0·48 0·45	T-61911 T-61939	0·47 0·45	0.45748	0000 860	1.66038 1.66071	0-55 0-55	1-09968	0-23 0-25	-0.04127 $-0.04132$	0.08	25
36	0.41655	0.43	1.61966	0.47	0.45819	0.58	1.66104	0.57	1.09997	0.25	0.04138	0.10	24 23
38	0.41681	0.43	1.01994	0.46	0.45854	0.58	1.00138	0.55	1-10012	0.23	0.04144	0.10	22
39	0.41707	0.45	1.02021	0.47	0-45889	0.58	1.66171	0.55	1-10026	0.25	0.04150	0.10	21
40	0.41734	0.43	1.62049	0.45	0.45924	0.60	1-66204	0.57	1/10041	0.25	0.04156	0.08	20
41	0.41760	0.45	1.62076	0.47	0.45960	84.0	1.66238		1-10056	0.25	0.04161	0.10	19
42	0.41787	0.48	1.62104	0.45	0.45995	0.58	1.66271	មេភិបិ		0 23	0.04167	0.10	18
43	0.41813	0.45	1.02131	0.47	0.46030	0.58	1.00304	0.55	1-10085	0.25	0.04173	0.10	17
44	0.41840	0.48	1.02159	0.45	0.46065	0.60	1.00337	0.57	1 10100	0.25	0.04179	0.10	16
45	0.41866	0.48	1.62186	0.47	0.46101	0.58	1:00371	0.55	1-10115	0.25	0.04185	0.08	15
46	0.41892	0.45	1.62214	0.45	0.46186	0.58	1.00404	0.55		0 23	0-04190	0.10	14
47	0.41919	0.48	1.62241	0.45	0.46171	0.58	1-66437	0.55		0 25	0.04196	0.10	13
48	0.41945	0.45	1.62268	0.47	0.46306	0.00	1.00470	0.55	1-10159	0.25	0-04202	0.10	
49	0.41972	0.43		0.45	0.46242	0.58	1-66508	0.57	1-10174	0.25	0.04208	0.10	11
50	0.41998	0.43	1.02323	0.45	0.46277	0.08	1.66587	0.85		0.25	0.04214	0.10	1 .
51	0.42024	0.45	1.62350	0.45	0.46312	0.60	1.66570	0.55		0.23	0.04220	0.08	9
52	0.42051	0.48	1.62377	0.47	0.46848	0.58	1.66603	0.55		0.25	0.04225	0.10	8
58	0.42077 $0.42104$	0.45	1.62405 T.62432	0.45 0.45	0.46383	86.0	1.66636	0.55	1-10233	0.25	0.04231	0.10	7
1					0.46418	0.60	1.66669	0.55	1-10248	0.25	0.04237	0.10	6
55	0.42180	0.48 0.45	T·62459 T·62486	0.45	0.46454	80.0	1.66702	0.55	1.10263	0.25	0.04243	0.10	5
56	0·42156 0·42183	0.48	T-62513	0.45	0.46489	0.60	1.66785 1.66768	0.55	1.10278	0.25	0.04249	0.10	
58	0.42209	0.48	1.02541	0.45	0.46560	0.58 0.58	1.66801	0.55 0.55	1-10293	0-25 0-25	-0.04255 $-0.04261$	0.10	3 2
59	0.42285	0.45	1.62568	0.45	0.46595	0.60	1.66834	0.55	1.10328	0.25	0.04267	0.40	1
60	0.42262		1.62595		0.46681	- 44		U7 47 14		44 WiF4		A 21.51	í
			generalistics of the contract physics	Print Property	weenhildingshorns - y -toychlose		1.66867		1 10338	e i v o o o o o o o o o o o o o o o o o o	0.04272	Mark Commence	0
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	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tau.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.42262	0.43	<u>1</u> ·62595	0.45	0.46631	0.58	Ī·66867	0.55	1.10338	0.25	0.04272	0.10	60
1	0.42288	0.45	1.62622	0.45	0.46666	0.60	1.66900	0.55	1.10353	0.25	0.04278	0.10	59
2	0.42315	0.43	1.62649	0.45	0.46702	0.58	1.66933	0.55	1.10368	0.25	0.04284	0.10	58
3 4	$0.42341 \\ 0.42367$	$0.43 \\ 0.45$	1.62676 $1.62703$	0·45 0·45	0.46737 $0.46772$	0.58	1.66966	0.55	1.10383	0.25	0.04290	0.10	57
1				1		0.60.	1.66999	0.55	1.10398	0.25	0.04296	0.10	56
5 6	0.42394 $0.42420$	$0.43 \\ 0.43$	1.62730 $1.62757$	0·45 0·45	0.46808 0.46843	0.58 0.60	1.67032	0.55	1.10413	0.25	0.04302	0.10	55
7	0.42446	0.45	1.62784	0.45	0.46879	0.58	$\frac{1.67065}{1.67098}$	0.55 0.55	1.10428 1.10443	$\begin{array}{c} 0.25 \\ 0.25 \end{array}$	0.04308 0.04314	0·10 0·10	54 53
8	0.42473	0.43	1.62811	0.45	0.46914	0.60	$\frac{1}{1}$ .67131	0.53	1.10458	0.25	0.04314	0.10	52
9	0.42499	0.43	1.62838	0.45	0.46950	0.58	1.67163	0.55	1.10473	0.25	0.04326	0.10	51
10	0.42525	0.45	1.62865	0.45	0.46985	0.60	$\overline{1}$ .67196	0.55	1.10488	0.25	0.04332	0.08	50
11	0.42552	0.43	1.62892	0.43	0.47021	0.58	1.67229	0.55	1.10503	0.25	0.04337	0.10	49
12	0.42578	0.43	1.62918	0.45	0.47056	0.60	1.67262	0.55	1.10518	0.25	0.04343	0.10	48
$\begin{array}{ c c } 13 \\ 14 \end{array}$	$0.42604 \\ 0.42631$	$0.45 \\ 0.43$	1.62945 $1.62972$	0·45 0·45	$0.47092 \\ 0.47128$	0.60 0.58	$\frac{1.67295}{1.67327}$	0·53 0·55	1.10533	0.27	0.04349	0.10	47
1			1.62999						1.10549	0.25	0.04355	0.10	46
15 16	0.42657 $0.42683$	0·43 0·43	1.63026	0.45 0.43	$0.47163 \\ 0.47199$	0.60 0.58	$\overline{1}$ .67360 $\overline{1}$ .67393	0.55 0.55	1·10564 1·10579	0.25	0.04361	0.10	45
17	0.42709	0.45	1.03052	0.45	0.47234	0.60	$\frac{1}{1}$ .67426	0.53	1.10579	$\substack{0.25\\0.25}$	0.04367 0.04373	0·10 0·10	43
18	0.42736	0.43	1.63079	0.45	0.47270	0.58	1.67458	0.55	1.10609	0.27	0.04379	0.10	42
19	0.42762	0.43	1.63106	0.45	0.47305	0.60	1.67491	0.55	1.10625	0.25	0.04385	0.10	41
20	0.42788	0.45	1.63133	0.43	0.47341	0.60	1.67524	0.53	1.10640	0.25	0.04391	0.10	40
21	0.42815	0.43	1.63159	0.45	0.47377	0.58	1.67556	0.55	1.10655	0.25	0.04397	0.10	39
22	0.42841	0.43	1.63186	0.45	0.47412	0.60	1.67589	0.55	1.10670	0.27	0.04403	0.10	38
23 24	$0.42867 \\ 0.42894$	0·45 0·43	1.63213 $1.63239$	0.43 0.45	0·47448 0·47483	$0.58 \\ 0.60$	1.67622 $1.67654$	0·53 0·55	1·10686 1·10701	$\substack{0.25\\0.25}$	0.04409 0.04415	0·10 0·10	37 36
1			1.63266	0.43	0.47519	0.60	1.67687	0.53					
25 26	0.42920 0.42946	0·43 0·43	1.03200	0.45	0.47555	0.00	1.67719	0.55	1.10716 1.10731	$\begin{array}{c} 0.25 \\ 0.27 \end{array}$	0.04421 $0.04427$	0·10 0·10	35 34
27	0.42972	0.45	1.63319	0.43	0.47590	0.60	1.67752	0.55	1.10747	$0.27 \\ 0.25$	0.04433	0.10	33
28	0.42999	0.43	1.03345	0.45	0.47626	0.60	1.67785	0.53	1.10762	0.25	0.04439	0.10	32
29	0.43025	0.43	1.63372	0.43	0.47662	0.00	1.67817	0.55	1.10777	0.27	0.04445	0.10	31
30	0.43051	0.43	1.63398	0.45	0.47698	0.58	1.67850	0.53	1.10793	0.25	0.04451	0.10	30
31	0.43077	0.45	1.63425	0.43	0.47733	0.60	1.67882	0.55	1.10808	0.27	0.04457	0.10	29
32	0.43104	0.43	1.63451	0.45	0.47769	0.60	1.67915 1.67947	0.58	1.10824	0.25	0.04463	0.10	28
33	0.43130 0.43156	0·43 0·43	1.63478 $1.63504$	0·43 0·45	0.47805 0.47840	0.88	1.67980	0.55 0.53	1.10839 1.10854	$\substack{0.25\\0.27}$	0.04469 0.04475	0·10 0·10	$\begin{array}{ c c } 27 \\ 26 \end{array}$
35	0.43182	0.45	1.03531	0.43	0.47876	0.60	T-68012	0.53	1.10870	0.25	0.04481	0.10	25
36	0.43209	0.48	1.63557	0.48	0.47912	0.00	1.68044	0.55	1.10885	0.25	0.04487	0.10	$\frac{25}{24}$
37	0.43235	0.43	1.63583	0.45	0.47948	0.60	1.68077	0.53	1.10901	0.25	0.04493	0.12	23
38	0.43261	0.43	T.68610	0.43	0.47984	0.58	1.68109	0.55	1.10016	0.27	0.04500	0.10	22
39	0.43287	0.43	1.68636	0.43	0.48010	0.60	1.68142	0.53	1.10932	0.25	0.04506	0.10	21
40	0.43313	0.45	1.03662	0.45	0.48055	0.60	1.08174	0.53	1.10947	0.27	0.04512	0.10	20
41	0.43340	0.43	1.03689	0.43	0.48091	0.60	1.68206	0.55	1.10963	0.25	0.04518	0.10	19
42	0.43366 0.4389 <b>2</b>	0.43 0.43	1.63715 $1.63741$	0·43 0·43	0·48127 0·48163	0.60 0.88	T·68239 T·68271	0.53 0.53	1·10978 1·10994	$\substack{0.27\\0.25}$	0.04524 $0.04530$	0·10 0·10	18 17
44	0.43418	0.45	1.63767	0.45	0.48198	0.60	T-08303	0.55	1.11009	0.27	0.04536	0.10	16
45	0.43445	0.48	1.63794	0.43	0.48234	0.60	1.68336	0.58	1.11025	0.27	0.04542	0.10	15
46	0.43471	0.43	1.63820	0.43	0.48270	0.60	1.08368	0.53	1.11041	0.25	0.04548	0.10	14
47	0.43497	0.43	1.63846	0.43	0.48306	0.00	1.68400	0.53	1.11056	0.27	0.04554	0.10	13
48	0.48528	0.43	1.63872	0.43	0.48842	0.60	1.68432	0.55	1.11072	0.25	0.04560	0.10	12
49	0.43549	0.43	1.63898	0.43	0.48378	0.60	1.68465	0.53	1.11087	0.27	0.04566	0.12	1
50		0.45	1.63924	0.43	0.48414	0.60	1.68497	0.53	1.11103	0.27	0.04573	0.10	
51	0.43602 0.43628	0.48	1.63950 1.63976	0.43 0.43	0.48450 0.48486	0.60 0.58	1.68529 1.68561	0.53 0.53	1.11119	$0.25 \\ 0.27$	0.04579 0.04585	0·10 0·10	9 8
52 58		0·48 0·43	1.64002	0.43	0.48521	0.00	1.68593	0.55	1.11150	0.27	0.04591	0.10	7
54	0.43680	0.43	1.64028	0.48	0.48557	0.60	1.68626	0.53	1.11166	0.25	0.04597	0.10	6
55	<b>!</b>	0.45	T-64054	0.48	0.48503	0.60	1.68658	0.53	1.11181	0.27	0.04603	0.10	5
56	0.43733	0.43	Ĩ·64080	0.48	0.48629	0.60	1.68690	0.53	1.11197	0.27	0.04609	0.12	4
57		0.43	1.64106	0.43	0.48665	0.60	1.68722	0.53	1.11213	0.27	0.04616	0.10	
58	0.43785	0.48	1.64132	0.48	0.48701	0.60	1.68754	0.53	1.11229	0.25	$0.04622 \\ 0.04628$	0·10 0·10	
59	0.43811	0.43	T-64158	0.43	0.48787	0.60	1.68786 T.00010	0.53	1.11244	0.27		0.10	1
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1.64953	0.42	0.49858	0.60	1-69774	0.52	1-11740	0.27	0.04821	0.10 3
	0.42	0.49894	0.62	1.69805		1-11756	0.27	0.04827	
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1.65104	0.43	0.50076	0.62	1.69963		1-11838	0 27	0.04859	0-10 2
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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.45399	0.43	1.65705	0.40	0.50953	0.60	<u>1</u> ·70717	0.52	1.12233	0.27	0.05012	0.10	60
1 2	0.45425	0.43	1.65729	0.42	0.50989	0.62	1.70748	0.52	1.12249	0.28	0.05018	0.12	59
3	$0.45451 \\ 0.45477$	$0.43 \\ 0.43$	$\frac{1.65754}{1.65779}$	$0.42 \\ 0.42$	$0.51026 \\ 0.51063$	0.62	1.70779	0.52	1.12266	0.28	0.05025	0.10	58
4	0.45503	0.43	1.65804	0.40	0.51005	$0.60 \\ 0.62$	$\frac{1.70810}{1.70841}$	0·52 0·53	1.12283 $1.12299$	$\begin{array}{c} 0.27 \\ 0.28 \end{array}$	0.05031 0.05038	$0.12 \\ 0.10$	57 56
5	0.45529	0.42	T-65828	0.42	0.51136	0.62	T·70873	0.52					
6	0.45554	0.43	1.65853	0.42	0.51173	0.60	1.70904	0.52	1.12316 $1.12333$	$0.28 \\ 0.27$	0.05044 0.05051	$0.12 \\ 0.10$	55 54
7	0.45580	0.43	1.65878	0.40	0.51209	0.62	$\frac{1}{1}$ .70935	0.52	1.12349	0.28	0.05057	0.12	53
8	0.45606	0.43	1.65902	0.42	0.51246	0.62	<u>1</u> ·70966	0.52	1.12366	0.28	0.05064	0.10	52
9	0.45682	0.43	1.65927	0.42	0.51283	0.60	1.70997	0.52	1.12383	0.28	0.05070	0.12	51
10	0.45658	0.43	I-65952	0.40	0.51319	0.62	<u>I</u> ·71028	0.52	1.12400	0.27	0.05077	0.10	50
$\frac{11}{12}$	0.45684	0·43 0·43	$\frac{1.65976}{1.66001}$	$0.42 \\ 0.40$	0.51356 0.51393	$\begin{array}{c} 0.62 \\ 0.62 \end{array}$	$\frac{1.71059}{1.71090}$	0.52	1.12416	0.28	0.05083	0.10	49
13	0.45736	0.43	1.66025	0.42	0.51430	0.62	1.71121	$0.52 \\ 0.53$	1.12433 $1.12450$	$0.28 \\ 0.28$	0.05089 0.05096	0.12   0.10	48 47
14	0.45762	0.42	T-66050	0.42	0.51467	0.60	1.71153	0.52	1.12467	0.28	0.05102	0.12	46
15	0.45787	0.43	T-66075	0.40	0.51503	0.62	T·71184	0.52	1.12484	0.28	0.05109	0.10	45
16	0.45813	0.43	<u>T</u> ·66099	0.42	0.51540	0.62	$\overline{1}$ ·71215	0.52	1.12501	0.28	0.05115	0.12	44
17	0.45839	0.43	1.66124	0.40	0.51577	0.62	1.71246	0.52	1.12518	0.27	0.05122	0.12	43
18 19	0.45865 0.45891	0·43 0·43	T.66148 T.66173	$0.42 \\ 0.40$	0.51614 0.51651	0.62	1.71277	0.52	1.12534	0.28	0.05129	0.10	42
l	}				l	0.62	1.71308	0.52	1.12551	0.28	0.05135	0.12	41
$\frac{20}{21}$	0.45917 $0.45942$	$0.42 \\ 0.43$	1.66197 1.66221	$0.40 \\ 0.42$	0.51688 0.51724	$0.60 \\ 0.62$	$\frac{1.71339}{1.71370}$	0.52 0.52	1·12568 1·12585	$0.28 \\ 0.28$	0.05142 0.05148	0·10 0·12	40 39
22	0.45968	0.43	1.66246	0.40	0.51761	0.62	T·71401	0.50	1.12602	0.28	0.05148	0.10	38
23	0.45994	0.43	1.66270	0.42	0.51798	0.62	Ī·71431	0.52	1.12619	0.28	0.05161	0.12	37
24	0.46020	0.43	1.66295	0.40	0.51835	0.62	1.71462	0.52	1.12636	0.28	0.05168	0.10	36
25	0.46046	0.43	1.66319	0.40	0.51872	0.62	<u>1</u> ·71493	0.52	1.12653	0.28	0.05174	0.12	35
26	0.46072	0.42	1.66343	0.42	0.51909	0.62	1.71524	0.52	1.12670	0.28	0.05181	0.10	34
27	$  0.46097 \\ 0.46123$	0.43	1.66368 1.66392	0.40	0.51946	0.62	1·71555 1·71586	0.52	1.12687	0.28	0.05187	0.12	33
28 29	0.46149	0·43 0·43	1.66416	0·40 0·42	0.51983 0.52020	0.62 0.62	T·71617	0·52 0·52	1.12704 1.12721	0·28 0·28	0.05194 0.05201	$\begin{array}{c} 0.12 \\ 0.10 \end{array}$	32 31
30	0.46175	0.43	Ĩ·66441	0.40	0.52057		T.71648	0.52	1.12738	0.28	0.05207	0.12	30
31	0.40201	0.42	1.66465	0.40	0.52094	0.62	T.71679	0.50	1.12755	0.28	0.05214	0.10	29
32	0.46226	0.43	1.66489	0.40	0.52131	0.62	T.71709	0.52	1.12772	0.28	0.05220	0.12	28
33	0.46252		1.66513	0.40	0.52168	0.62	<u>1</u> .71740	0.52	1.12789	0.30	0.05227	0.10	27
34	1	0.43	1.66537	0.42	0.52205	0.62	I·71771	0.52	1.12807	0.28	0.05233	0.12	26
35	0.46304	0.43	1.66562		0.52242	0.62	1.71802	0.52	1.12824	0.28	0.05240	0.12	25
36	0.46330	0·42 0·43	1.66586 1.66610	0.40	0.52279 0.52316	$0.62 \\ 0.62$	1.71833 1.71863	0.50 0.52	1.12841 1.12858	0·28 0·28	0.05247 0.05253	$\begin{array}{c} 0.10 \\ 0.12 \end{array}$	24 23
38	0.46381	0.43	Ī·66634	0.40	0.52353	0.62	Ī·71894	0.52	1.12875	0.28	0.05260	0.10	22
89	0.46407	0.43	T-66658	0.40	0.52390	0.62	T·71925	0.50	1.12892	0.30	0.05266	0.12	21
40	0.46433	0.42	I:66682	0.40	0.52427	0.62	T-71955	0.52	1.12910	0.28	0.05273	0.12	20
41	0.46458	0.43	I.66706	0.42	0.52464	0.62	1·71986	0.52	1.12927	0.28	0.05280	0.10	19
42			1.66731 1.66755	0.40	0.52501	0.62	1.72017 $1.72048$	0.52 0.50	1.12944	0.28	0.05286	0.12	18
$\begin{bmatrix} 43 \\ 44 \end{bmatrix}$		0·43 0·42	1.66779	0.40	0.52538 0.52575	0·62 0·63	1.72048	0.50	1.12961 1.12979	$0.30 \\ 0.28$	0.05293 0.05300	$0.12 \\ 0.10$	17 16
45		0.43	T.66803	0.40	0.52613	0.62	T·72109	0.52	1.12996	0.28	0.05306	0.12	15
46		0.43	1.66827	0.40	0.52650	0.62	1.72140	0.50	1.13013	0.30	0.05313	0.12	14
47	0.46613	0.43	T-66851	0.40	0.52687	0.62	1.72170	0.52	1.13031	0.28	0.05320	0.10	13
48			I.66875	0.40	0.52724	0.62	T-72201	0.50	1.13048	0.28	0.05326	0.12	12
49	1		I.66899	0.38	0.52761	0.62	T·72231	0.52	1	0.30	0.05333	0.12	11
50			1.66922 1.66946	0.40			T-72262				0.05340		
51			1.66970	0·40 0·40			$\frac{1.72293}{1.72323}$	0·50 0·52		0.30	0.05346 0.05353	$0.12 \\ 0.12$	8
53			Ī·66994	0.40			1.72354	0.50		0.28	0.05360	0.10	7
54			1.67018	0.40		0.63	1.72384	0.52			0.05366	0.12	
50	0.46819	0.42	I-67042	0.40	0.52985	0.62	<u>T</u> ·72415	0.50	1.13170	0.28	0.05373	0.12	5
56	0.46844	0.43	1.67066	0.40			1.72445	0.52		0.80	0.05380		
57			T.67090	0.40			T.72476	0.50			0.05386 0.05393		
58			1.67113 1.67137	0·40 0·40			1.72506 $1.72537$	0.52 0.50			0.05400		
80			T-67161	0.10	0.53171		T-72567		1.13257		0.05407		
-	Cos.	HOPE TO SHARE THE PARTY OF THE	Log Cos.	D. 1"			Log Cot.	D. 1'			Log Cose		-
	1 305				<del></del>		-' Functio						62

20	T T/T	u O i	MOTATI		(10111								
'	Sine.	D.,1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	1), 1",	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.46947	0.43	T-67161	0.40	0.53171	0.62	1.72567	0.52	1.13257	0.30	0.05407	0.10	60
ľ	0.46978	0.43	T-67185	0.38	0.53208	0.63	1.72598	0.50	1.13275 $1.13292$	0.28	0.05413	0.12	59
2	0.46999	0.42	T.67208	0.40	0.53246	0.62	1.72628	0.52	1.13232	0.28	0.05420 0.05427	0.12	58
3	0.47024		I-67232	0.40	0.53283	0.62	1.72659	0.50	1.13327	0.30	0.05437	0.10	57
4	0.47050	0.43	1.67256	0.40	0.53320	0.63	1.72689		ĺ			0.12	56
5	0.47076	0.42	I-67280	0.38	0.53358	0.62	1.72720	0.80	1.13345	0.28	0.05440	0.12	55
6	0.47101	0.43	T-67303	0.40	0.58395	0.62	1.72750	0.50	1.13362	0.30 0.30	0.05447	0.12	54
7	0.47127	0.43	1.67327	0.38	0.53432	0.63	1.72780	0.52	1.13380   1.13398	0.28	0.05454 0.05460	0.10	53
8	0.47153		T.67350	0.40	0.53470	0.62	1.72811 $1.72841$	0.52	1.13415	0.80	0.05467	$0.12 \\ 0.12$	52
9	0.47178	0.43	1.67374	0.40	0.53507	0.63			į	0.30			51
10	0.47204		T-67398	0.38	0.53545	0.62	1.72872	0.50	1-13433   1-13451	0.28	0.05474 0.05481	0.12	50
11	0.47220		1.67421	0.40	0.53582	0.63	1.72902	0.50 0.52	1-13468	0.30	0.05487	0.10	49
12	0.47255	0.43	1.67445	0.88	0.53620	0.62	1.72932 $1.72963$	0.50	1 13486	0.30	0.05494	$0.12 \\ 0.12$	48
13	0.47281	0.42	1.67468	0.40	0.53657	0.63	1.72993	0.50	1-13504	0.28	0.05501	0.12	47
14	0.47306		1.07492	0.38					1-13521	0.30			1
15	0.47332		T.67515	0.40	0.53732	0.62	1.73023 1.73054	0.52	1-13539	0.30	0.05508 0.05515	$0.12 \\ 0.10$	45
16	0.47358		1.67539	0.38	0.53769	0.63 0.62	1.73084	0.50	1-13557	0.30	0.05521	0.10	44
17	0.47383		1.67562 1.67586	0.40	0.53844	0.63	1.73114	04.0	1.13575	0.30	0.05528	0.12	42
18	$  0.47409 \\ 0.47434$		1.67609	0.40	0.53882	0.63	1.73144	0.52	1.13593	0.28	0.05535	0.12	41
1					0.53920		1.73175	0.50	1-13610	0.30	0.05542	0.12	
20	0.47460		1.67633	0.38 0.40	0.53020	0.62 0.68	1.73205	0.50	1-13628	0.30	0.05549	0.10	40 89
21	0.47486	0·42 0·43	1.67656 1.67680	0.38	0.53995	0.62	1.73235	0.50	1-13646	0:30	0.05555	0.12	38
22   23	0.47537	0.43	1.67703	0.38	0.54032	0.63	1.78265	0.50	1-13664	0.30	0.05562	0.12	37
24	0.47562	0.43	1.67726	0.40	0.5.1070	0.62	1.73295	0.62	1-13682	0.30	0.05569	0.12	36
1	1	0.43	1.67750	0.38	0.5.1107	0.63	1.73326	0.50	1-13700	0.30	0.05576	0.12	35
25 26	$0.47588 \\ 0.47614$	0.42	1.67778	0.38	0.54145	0.63	1.78356	0.50	1-13718	0.28	0.05583	0.12	34
27	0.47639	0.43	1.67796	0.40	0.54183	0.62	1.78386	0.50	1-13735	0.30	0.05590	0.10	33
28	0.47665	0.42	1.67820	0.38	0.54220	0.63	1.73416	0.50	1-13753	0.30	0.05596	0.12	32
29	0.47690	0.43	1.67843	0.38	0.54258	0.63	1.73446	0.50	1.13771	0.30	0.05603	0.12	31
30	0.47716	0.42	T-67866	0.40	0.54296	0.62	1.73476	0.52	1-13789	0.30	0.05610	0.12	30
81	0.47741	0.43	1.67890	0.38	0.54333	0.68	1.73507	0.50	1-13807	0.30	0.05617	0.12	29
32	0.47767	0.43	1.67913	0.38	0.54371	0.63	1.73537	0.50	1-13825	0.30	0.05624	0.12	28
38	0.47793	0.42	1.07936	0.38	0.54409	0.62	1.73567	០៤០	1-13843	0.30	0.05031	0.12	27
84	0.47818	0.48	T-67959	0.38	0.54446	0.63	1.73597	0.50	1-13861	0.30	88880.0	0.13	26
85	0.47844	0.42	1.67982	0.40	0.54484	0.68	1.73627	0.50	1-13879	0.30	0.05645	0.10	25
36	0.47869	0.48	1.68006	0.38	0.54522	0.68	1.78657	0.50	1-13897	0.30	1 60 60-0	0.12	24
37	0.47895	0.42	1.08029	0.38	0.54560	0.62	1.73087	040	1-13016	0.32	0.05658	0.12	28
38	0.47920	0.48	1.68052	0.38	0.54597	0.63	1.73717	0.50	1-13934	0.30	0.05665	0.12	22
39	0.47946	0.42	1.08075	0.38	0.54635	0.63	1.73747	0.50	1-13952	0.30	0.05672	0.12	21
40	0.47971	0.43	1.08098	0.38	0.54673	0.63	1.78777	0.50	1-13970	0.30	0.05679	0.12	20
41	0.47997	0.42	1.68121	0.38	0.54711	0.62	1.73807		1-13988	0.30	0.05686	0.12	19
42	0.48022	0.48	1.68144	0.38	0.54748	0.63	1.73837		1-14000	0.30	0.05693	0.12	18
48	0.48048	0.42	1.68167	0.38	0.54780	0.68	1.73867	0.50	1-14024	0.30	0.05700	0.13	17
44	0.48078	0.43	1.08190	0.88	0.54824	0.63	1.73897	0.50	1-14042	0.32	0.05707	0.12	16
45	0.48099	0.42	1.68218	0.40	0.54862	0.68	1.73927	0.50	1-14061	0.30	0 05714	0.12	15
46	0.48124		1.68237	0.38	0.54900	0.63	1.73957		1-14079	0.30	0.05721	0.10	14
47	0.48150	0·42 0·43	1.68260 1.68283	0.88	0.54938	0.62	1.73987		1-14097	0 80	0 05727	0.12	13 12
48 49	0.48175 0.48201	0.43	T-68285	0·37 0·38	0.54975 0.55018	0.63	1.74047	0.50	1.14134	0.35	0.05741	0.12	11
i .	}				ì								1
50	0.48226	0·43 0·42	T-68328 T-68351	0.38	0.55051	0.63	1.74077	0.50		0.30	0.05748	0.12	10
51 52		0.48	1.68374	0.88 0.88	0.55089	0.63 0.63	1.74107	0.50	1-14170	030	0-05755 0-05762	0.12	8
53	0.48308	0.42	Î-68397	0.38	0.55165	0.63	1.74166	0.50	1-14207	0 30	0.05769	0.12	7
54	0.48328	0.43	T-68420	0.38	0.55208	0.63	1.74196	0.50	1-14225	0.30	0.05776	0.12	6
55	0.48854	0.42	T-68443	0.88	0.55241	0.68	1.74226	0.50	1-14243	0.32	0.05783	0.12	5
56	0.48379	0.43	1.68466	0.38	0.55279	0.63	1.74256	0.50	1.14262	0.30	0.05790	0.12	4
57	0.48405	0.42	T.68489	0.38	0.55317	0.63	1.74286	0.50	1.14280	0.32	0.05797	0.12	8
58	0.48480	0.43	1.68512	0.87	0.55355	0.68	1.74316	0.48	1.14299	0.30	0.05804	0.12	2
59	0.48456	0.42	T-68584	0.88	0.55898	0.68	1.74345	0.50	1-14817	0.30	0.05811	0.12	1
60	0.48481		T-68557		0.55481		1.74875		1-14335		0.05818		0
-	vor turmentugadittemen <sub>sen</sub> ekti	T) 1//	Comment of the Commen	7 \ 4 //	general transfer of the second	12.00 may 1	42.0	7		atotty apacies is co.	and the second second second	***************************************	reman
	Cos.	D. E.	Log Coa.	D. I''.	Cot.	D. 1".	Log Cut.	D, I",	Coart.	D. 1".	Log Cosec.	17, 1,	, ,

	Cine	D 1//	Ton Cin	T) 1//	m	T) 1//	T // //	D 1//	0	D 1//	T C	D 1//	$\neg$
<u>'</u>	Sine.		Log Sin.		······		Log Tan.	D. 1".	Sec.		Log Sec.		
0 1	$0.48481 \\ 0.48506$	$0.42 \\ 0.43$	$\frac{1.68557}{1.68580}$	0.38 $0.38$	0.55431 $0.55469$	0.63 $0.63$	1.74375 $1.74405$	$0.50 \\ 0.50$	1.14335 $1.14354$	$\begin{array}{c} 0.32 \\ 0.30 \end{array}$	0.05818 0.05825		60 59
2	0.48532	0.42	$\frac{1}{1}$ .68603	0.37	0.55507	0.63	$\frac{1}{1}$ .74435	0.50	1.14372	0.32	0.05832		58
3	0.48557	0.43	T-68625	0.38	0.55545	0.63	1·74465	0.48	1.14391	0.30	0.05839	0.12	57
4		0.42	1.68648	0.38	0.55583	0.63	1.74494	0.50	1.14409	0.32	0.05846	0.12	56
5 6		$0.43 \\ 0.42$	1.68671 1.68694	0·38 0·37	0.55621 0.55659	$0.63 \\ 0.63$	$\overline{1}$ .74524 $\overline{1}$ .74554	0.50 0.48	1·14428 1·14446	$0.30 \\ 0.32$	0·05853 0·05860	0.12   0.12	55 54
7	0.48659	$0.42 \\ 0.42$	T-68716	0.38	0.55697	0.65	1.74584 1.74583	0.40	1.14465	$0.32 \\ 0.30$	0.05867	0.12	53
8	0.48684	0.43	1.68739	0.38	0.55736	0.63	1.74613	0.50	1.14483	0.32	0.05874	0.12	52
9	1	0.42	1.68762	0.37	0.55774	0.63	T-74643	0.50	1.14502	0.32	0.05881	0.12	51
10 11		$0.43 \\ 0.42$	1.68784 1.68807	0·38 0·37	0.55812 0.55850	$0.63 \\ 0.63$	$\frac{1.74673}{1.74702}$	0·48 0·50	1.14521 1.14539	$0.30 \\ 0.32$	0.05888 0.05895	0.12 $0.12$	50 49
12		0.42	$\frac{1}{1}$ .68829	0.38	0.55888	0.63	1.74732	0.50	1.14558	0.30	0.05902	0.13	48
13	0.48811	0.43	1.68852	0.38	0.55926	0.63	1.74762	0.48	1.14576	0.32	0.05910	0.12	47
14		0.42	T.68875	0.37	0.55964	0.65	1.74791 $1.74821$	0.50 0.50	1·14595 1·14614	$0.32 \\ 0.30$	0.05917 0.05924	0.12 $0.12$	45
15		$0.43 \\ 0.42$	1.68897 1.68920	0.38 0.37	0.56003 0.56041	$0.63 \\ 0.63$	1.74821	0.50	1.14614	$0.30 \\ 0.32$	0.05924 $0.05931$	0.12	44
17	0.48913	0.42	1.68942	0.38	0.56079	0.63	1.74880	0.50	1.14651	0.32	0.05938	0.12	43
18		0.43	1.68965	0.37	0.56117	0.65	$\frac{1.74910}{1.74939}$	$0.48 \\ 0.50$	1.14670	$\begin{array}{c} 0.32 \\ 0.30 \end{array}$	0.05945 0.05952	$egin{array}{c} 0.12 \ 0.12 \ \end{array}$	42 41
15			1.68987 1.69010	0.38   0.37	0.56156	0.63	1.74969	0.30	1.14707	0.32	0.05959	0.12	40
$\frac{20}{23}$			1.69032	0.38	0.56232	0.63	I.74998	0.50	1.14726	0.32	0.05966	0.12	39
22	0.49040	0.42	1.69055	0.37	0.56270	0.65	1.75028	0.50	1.14745	0.32	0.05973	0.12	38 37
$\frac{23}{2}$			1.69077 1.69100	$0.38 \\ 0.37$	0.56309	0.63	1.75058 1.75087	$0.48 \\ 0.50$	1.14764 $1.14782$	0.30 $0.32$	$0.05980 \\ 0.05988$	$\begin{array}{c c} 0.13 \\ 0.12 \end{array}$	36
21			1.69122	0.37	0.56385	0.65	T.75117	0.48	1.14801	0.32	0.05995	0.12	35
20			1.69144	0.38	0.56424	0.63	<u>T</u> ·75146	0.50	1.14820	0.32	0.06002	0.12	34
2	7 0.49166		1.60167	0.37	0.56462	0.65	T·75176 T·75205	0.48 0.50	1.14839 1.14858	$0.32 \\ 0.32$	0.06009 0.06016	$\begin{array}{c c} 0.12 \\ 0.12 \end{array}$	33 32
$\frac{128}{28}$				0·38 0·37	0.56501	$0.65 \\ 0.63$	1.75205 1.75235	0.50	1.14877	0.32	0.06010	0.12	31
3					0.56577	0.65	$\overline{1} \cdot 75264$	0.50	1.14896	0.30	0.06030	0.12	30
3	1 0.49268	0.42	1.69256	0.38	0.56616	0.63	T.75294			0.32	0.06037	$0.13 \\ 0.12$	$\begin{bmatrix} 29 \\ 28 \end{bmatrix}$
3				0·37 0·37	0.56654		1·75323 1·75353	0.50 0.48		$\begin{array}{c} 0.32 \\ 0.32 \end{array}$	0.06045 $0.06052$	$0.12 \\ 0.12$	27
3:					0.56731		T-75382		1	0.32	0.06059	0.12	26
3					0.56769		1.75411			0.32	0.06066	0.12	25
3	0-49394	0.42					T·75441 T·75470		1	$0.32 \\ 0.32$	0.06080	$0.12 \\ 0.13$	$\begin{bmatrix} 24 \\ 23 \end{bmatrix}$
3							1.75500			0.32	0.06088	0.12	22
3			Dive.				T-75529			0.32	0.06095	0.12	21
4	0 0.4949!						I.75558			0.33	0.06102	0.12 $0.12$	20 19
4	1						1.75588 1.75617				0.06109 0.06116	$0.12 \\ 0.13$	18
4					1 .		I.75647	0.48	1.15143	0.32	0.06124	0.12	17
4			T-69545	0.37	0.57116						0.06131		16
	5 0.4962										$0.06138 \\ 0.06145$		15 14
	6   0.49643 7   0.49673						Magne but may me. or				0.06153	0.12	13
	8 0.4969		I.69633	0.37	0.57271	0.63	1.75793	0.48	1.15239		0.06160		12
	9 0.4972				1		_		1		0.06167		
	0 0.4974										$0.06174 \\ 0.06181$		
	1 0.4977 2 0.4979							0.48	3 1.1531	0.33	0.06189	0.12	
	3 0.4982	4 0.42	2 T-69743	3 0.37	0.57464	0.65	T.75939						
1	4 0.4984												Ι.
	5 0.4987												4
	$\begin{array}{c c} 66 & 0.4989 \\ 67 & 0.4992 \end{array}$	-					I-7605	3 0.5	0 1.1541	2 0.32	0.06225		
I	8 0.4995	0 0.42	2 T·69853	8 0.37									
1	0.4997		2 T.69878 T.6989		0.57696		T.7614		1.1547		0.06247		0

D. 1". Log Cosec. D. 1". D. 1". Log Cot. D. 1". Совес. D. 1". Log Cos. D. 1". Cot. Proportional Parts of the 'Co-' Functions must be subtracted.

Proportional Parts of the other Functions must be added.

0.57735

T-69897

60 0.50000

Cos.

I.76144

60°

20		.100	11 0 1/1						110 C		717/	LU	CD
,	Sine.	D. 1"	'. Log Sin.	D. 1"	. Tan.	D. 1"	. Log Tai	ı. 1). 1'	Sec.	D. 1'	'. Log Sec	. 1). 1"	<u>'.</u>
1 2	0.5002	$\begin{array}{ccc} 5 & 0.42 \\ 0 & 0.43 \end{array}$	$\frac{1.69919}{1.69941}$	$0.37 \\ 0.37$	0.57774 0.57813	0.65 0.63	1.76173 $1.76203$	3 0·48 3 0·48	$\begin{bmatrix} 1.15489 \\ 1.15509 \end{bmatrix}$	) 0.3; ) 0.3;	0.06254 0.06262	0.13	3 59
3 4 5	0.5010	1 0.42	1.69984	0.37		0.65	1.7623 1.7626 1.76296	L 0.48	1.15548	3 0.32	0.06276	0.12	2 57 2 56
6 7 8	0.50170	3 0·42 L 0·43	1.70050 1.70072	0·37 0·35	0.57968 0.58007 0.58046	0.65 0.65	1.76848 1.76848 1.76877	3 0·48 7 0·48	1.15600	0.32 0.33 0.32	0.06291 0.06298 0.06305	0.12 0.12 0.13	54
10 11	0.5025	0.42	I.70115	0·37 0·37 0·37	0.58085 0.58124 0.58162	0.63	1.76430 1.76430 1.76464	0.48	1.15665	0.32	0.06320	0.12	50
12 13 14	0.50327	7 0.42	1.70180 $1.70202$	0·35 0·37 0·37	0.58201 0.58240 0.58279		$\frac{1.76495}{1.76522}$ $\frac{1.76522}{1.76551}$	0.48	1.15724	0.32	0.06335 0.06342	$0.12 \\ 0.13$	48 47
15 16 17 18	0.50408	3 0·42 3 0·42	I·70224 I·70245 I·70267 I·70288	0·35 0·37 0·35 0·37	0.58318 0.58357 0.58396 0.58435	0.65 0.65 0.65	$egin{array}{c} 1.76586 \ 1.76608 \ 1.76689 \ 1.76668 \end{array}$	0.50 0.48	1.15782	0.33 0.33		0·13 0·12	44
19 20 21	0.50508	0.42	1.70310 1.70332 1.70353	0·37 0·35 0·37	0.58474 0.58513 0.58552	0.65 0.65 0.65	$\begin{array}{c} 1.76697 \\ 1.76726 \\ 1.76754 \end{array}$	0.48	1.15841 1.15861 1.15881		0.06386 0.06394 0.06401	0.13	41 40
$22 \\ 23 \\ 24$	0.50578	0.42	1.70375 1.70396 1.70418	0.35 0.37 0.35	0.58591 0.58631 0.58670	0.67 0.65 0.65	$\frac{1.76783}{1.76812}$ $\frac{1.76812}{1.76841}$	0.48 0.48	1.15901 1.15920 1.15940	0.32 0.33	0.06409 0.06416 0.06428	$0.12 \\ 0.12 \\ 0.13$	88 87
25 26 27 28	0.50628 0.50654 0.50679 0.50704	0·42 0·42	1.70439 1.70461 1.70482 1.70504	0·37 0·35 0·37 0·35	0.58709 0.58748 0.58787 0.58826	0.65 0.65 0.65 0.65	1.76870 1.76899 1.76928 1.76957	0.48 0.48	ł .	0.33	0.06431 0.06438 0.06446 0.06453	0·12 0·13 0·12 0·13	34 33
29 30 31	0.50729 0.50754 0.50779	0·42 0·42	1.70525 1.70547 1.70568	0·37 0·35 0·37	0.58865 0.58905 0.58944	0.67 0.65 0.65	1.76986 1.77018 1.77044	0.48	1-16039 1-16059	0.33 0.33 0.33	0.06461 0.06468 0.06476	0·12 0·12 0·13	31 30 29
32 33 34	0.50804 0.50829 0.50854	0·42 0·42	T·70590 1·70611 1·70638	0.85 0.87 0.85	0.58983 0.59022 0.59061	0.65 0.65 0.67	1.77073 1.77101 1.77130	$0.47 \\ 0.48 \\ 0.48$	1	0:33 0:33 0:33	0-06488 0-06490 0-06498	$0.13 \\ 0.13 \\ 0.13 \\ 0.12$	28 27 26
35 36 37 88	0.50879 0.50904 0.50929 0.50954	0·42 0·42 0·42	T-70654 1-70675 1-70697 1-70718	0.85 0.87 0.85 0.85	0.59101 0.59140 0.59179 0.59218	0.65 0.65 0.65 0.67	I-77159 I-77188 I-77217 I-77246	0.48 0.48 0.47	1-16179 1-16199 1-16219	0-88 0-88 0-88 0-88	0.06505 0.06518 0.06520 0.06528	0·13 0·12 0·13 0·13	25 24 28 22
39 40 41 42	0.50979 0.51004 0.51029 0.51054	0·42 0·42 0·42 0·42	1.70789 1.70761 1.70782 1.70808	0·37 0·35 0·35 0·35	0.59258 0.59297 0.59336 0.59376	0:65 0:67 0:65	1.77274 1.77303 1.77332 1.77361	0.48 0.48 0.48	1-16289 1-16289 1-16279 1-16299	0.88 0.88 0.88 0.88	0.06535 0.06543 0.06580 0.0658	0·18 0·12 0·18 0·12	21 20 19
48 44 45	0.51079 0.51104 0.51129	0·42 0·42 0·42	1.70824 1.70846 1.70867	0.87 0.85 0.85	0.59415 0.59454 0.59494	0.65 0.67 0.65	1.77390 1.77418 1.77447	0.47 0.48 0.48	1-16319 1-16339 1-16359	0.33 0.33 0.33	0.06565 0.06578 0.06580	0·13 0·12 0·12	18 17 16 15
40 47 48 49	0.51154 0.51179 0.51204 0.51229	0·42 0·42 0·42 0·42	1.70888 1.70909 1.70931	0.85 0.87 0.85	0.59533 0.59578 0.59612	0-65 0-65 0-65	1.77476 1.77505 1.77533	0-48 0-47 0-48	1-16380 1-16400 1-16420	0-88 0-88 0-88	88800.0 86880.0 80880.0	0·12 0·13 0·12	14 18 12
50 51 52	0.51254 0.51279 0.51304	0.42 0.42 0.42 0.42	1.70952 1.70973 1.70994 1.71015	0.85 0.85	0.59651 0.59691 0.59780 0.59770	0.65 0.65 0.65	1.77562 1.77591 1.77619 1.77648	0·47 0·48	1-16460 1-16481	0-33 0-35 0-33	0.06618 0.06618 0.06625	0·12 0·13	11 10 9
53 54 55	0.51329 0.51354 0.51379	0·42 0·42 0·42	1.71036 1.71058 T.71079	0·87 0·85	0.89888 0.89849 0.89809	0.67 0.65 0.67	1.77677 1.77706 1.77784		1-16501 1-16521 1-16541 1-16562	0-33 0-33 0-35 0-33	0-06633 0-06640 0-06648 0-06656	0·12 0·13 0·13 0·12	8 7 6
56 57 58	0.51404 0.51429 0.51454	0·42 0·42 0·42	1.71100 1.71121 1.71142	0.35 0.35 0.35	0.59928 0.59967 0.60007	0.65 0.67 0.65	Î-77768 Î-77701 1-77820	0·47 0·48 0·48	1·16582 1·16602 1·16623	0.88 0.85 0.88	0.06668 0.06671 0.06678	0·13 0·12 0·13	4 8 2
60 89	0·51479 0·51504	0.42	1.71163 T.71184	- 1	0-60046 0-60086	0.67	1·77849 T·77877	0.47	1-16643 1-16663	0.88	0.06686	0.12	0
	Cos.	D. 1".	Log Cos.	Philosophy and a company	Mindran Concern Streethings	D, 1",	Log Cot.	D. 1".		D. 1".	Log Cosec.	D. 1".	,
-00			Danie autie						-	-	Name of the last o		

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<u>'</u>	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.51504		1·71184			0.67	1.77877	0.48	1.16663	0.35	0.06693	0.13	
$\frac{1}{2}$	$0.51529 \\ 0.51554$	$0.42 \\ 0.42$	$\frac{1.71205}{1.71226}$		0.60126 0.60165	0·65 0·67	$\frac{1.77906}{1.77935}$	0·48 0·47	1.16684 1.16704	$\begin{array}{c} 0.33 \\ 0.35 \end{array}$	0.06701 0.06709	$0.13 \\ 0.12$	59 58
3	0.51579	0.42	$\frac{1}{1}$ .71247		0.60205	0.67	$\frac{1}{1}$ .77963	0.48	1.16725	0.33	0.06716	0.13	57
4	0.51604	0.40	$\bar{1}.71268$		0.60245	0.65	$\overline{1}$ :77992	0.47	1.16745	0.35	0.06724		56
5	0.51628	0.42	Ī·71289		0.60284	0.67	<u>1</u> ·78020	0.48	1.16766	0.33	0.06731	0.13	55
6 7	0.51653	$0.42 \\ 0.42$	1.71310 $1.71331$		0.60324 0.60364	0·67 0·65	$\overline{1}$ .78049 $\overline{1}$ .78077	0·47 0·48	1.16786	0.33	0.06747	$0.13 \\ 0.12$	54 53
8	0.51678 0.51703		1.71351		0.60403	0.67	1.78106	0.48	1.16806 1.16827	0.35 $0.35$	0.06747 0.06754	0.13	52
9	0.51728	0.42	$\overline{1}$ .71373		0.60443	0.67	1·78135	0.47	1.16848	0.33	0.06762	0.13	51
10	0.51753		1.71393	0.35	0.60483	0.65	1.78163	0.48	1.16868	0.35	0.06770	0.12	50
11	0.51778 0.51803	0.42	1.71414		0.60522 0.60562	0·67 0·67	$\frac{1.78192}{1.78220}$	0·47 0·48	1.16889 1.16909	0.33	0.06777	0·13 0·13	49
12 13	0.51808	$0.42 \\ 0.40$	1.71435 1.71456		0.60602	0.67	$\frac{1}{1}$ .78249	0.47	1.16930	0·35 0·33	0.06785 0.06793	0.13	47
14	0.51852	0.42	1.71477		0.60642	0.65	1.78277	0.48	1.16950	0.35	0.06800	0.13	46
15	0.51877	0.42	<u>1</u> .71498		0.60681	0.67	<u>1</u> .78306	0.47	1.16971	0.35	0.06808	0.13	45
16	0.51902		1.71519		0.60721	0.67	1·78334			0.33	0.06816	0.12	44
17	0.51927 0.51952	$\begin{array}{c} 0.42 \\ 0.42 \end{array}$	1.71539 1.71560		0.60761	0·67 0·67	$\frac{1.78363}{1.78391}$		1.17012 1.17033	0·35 0·35	0.06823 0.06831	$0.13 \\ 0.13$	43
19	0.51977	0.42	1.71581		0.60841	0.67	1.78419		1.17054	0.35	0.06839	0.13	41
20	0.52002	0.40	T-71602	0.33	0.60881	0.67	1.78448	0.47	1.17075	0.33	0.06846	0.13	40
21	0.52026		1.71622		0.60921	0.65	1.78476		1.17095	0.35	0.06854	0.13	39
22	0.52051	0.42 $0.42$	T·71643 T·71664		0.60960	0·67 0·67	1.78505 1.78533		1.17116 $1.17137$	0·35 0·35	0.06862 0.06869	$0.12 \\ 0.13$	38
$\frac{23}{24}$	0.52076		1.71004		0.61040	0.67	1.78562			0.33	0.06877	0.13	36
25	0.52126		Ĩ·71705		0.61080		1.78590		1.17178	0.35	0.06885	0.12	35
20	0.52151		1.71726		0.61120	0.67	T·78618	0.48		0.35	0.06892	0.13	34
27	0.52175		1.71747		0.61160		1.78647	0.47	1.17220	0.35	0.06900	0.13	33
28 20	0.52200		1.71767 1.71788		0.61200 0.61240	0.67 0.67	T·78675		1.17241   1.17262	0.35 0.35	0.06908 0.06916	$0.13 \\ 0.12$	32 31
30	0.52250		T·71809		0.61280	0.67	I.78732		1.17283	0.35	0.06923	0.13	30
31	0.52275		1.71829		0.61320	0.67	1.78760		1	0.35	0.06931	0.13	29
32	0.52299		1.71850		0.61360	0.67	1.78789		1.17325	0.35	0.06939	0.13	28
33	0.52324		1.71870		0.61400	0.67	1.78817	0.47	1.17346	0.35	0.06947	0.12	27
34	0.52349		T-71891		0.61440	0·67 0·67	T·78845 T·78874		1.17367	0.35	0.06954	0.13	26
35	0.52374		1.71911 $1.71932$		0.61480 0.61520	0.68	1.78902		1.17388 1.17409	$0.35 \\ 0.35$	0.06962 0.06970	0·13 0·13	25 24
37	0.52428	-	171952	0.35	0.61561	0.67	1.78930	0.48	1.17430	0.35	0.06978	0.13	23
38	0.52448		171973		0.61601	0.67	1.78959		1.17451	0.35	0.06986	0.12	22
189	0.52478		T.71994		0.61641	0.67	T.78987	0.47	1.17472	0.35	0.06993	0.13	21
40	0.52498 0.52522		T·72014 T·72034		0.61681	0.67 0.67	T·79015 T·79043	0·47 0·48	1.17493 1.17514	0·35 0·35	0·07001 0·07009	0·13 0·13	20 19
42	0.52547		1.72055		0.61761	0.67	T.79072	0.47	1.17535	0.35	0.07017	0.12	18
43	0.52572		1.72075		0.61801	0.68	I.79100		1.17556	0.35	0.07024	0.13	1.7
44	0.52597	0.40	1.72096		0.61842	0.67	I.79128		1.17577	0.35	0.07032	0.13	16
45	0.52621		1.72116 1.72137		$0.61882 \\ 0.61922$	0·67 0·67	1.79156 1.79185		1.17598	0.37	0.07040	0.13	15
47	0.52646	0.42	1.72157	0·33 0·33	0.61922	0.68	1.79180		1.17620 1.17641	0·35 0·35	0.07048 0.07056	0·13 0·13	14
48	0.52696	0.40	1.72177	0.35	0.62003	0.67	1.79241	0.47	1.17662	0.35	0.07064	0.12	112
49	0.52720	0.42			0.62043	0.67	1.79269	0.47	1.17683	0.32	0.07071	0.13	11
50	0.52745	0.42	I-72218		0.02083	0.68	T-79297	0.48	1.17704	0.37	0.07079	0.13	10
$\frac{51}{52}$	0.52770 0.52794	$0.40 \\ 0.42$	1.72238 $1.72259$		0.62124 0.62164	0·67 0·67	$\frac{179326}{179354}$	0·47 0·47	1.17726 1.17747	0·35 0·35	0·07087 0·07095	$0.13 \\ 0.13$	8
53	0.52819	0.42	1.72279	0.83	0.62204	0.08	1.79382	0.47	1.17768	0.37	0.07103	0.13	7
54	0.52844	0.42	1.72299	0.35	0.62245	0.67	T.79410	0.47	1.17790	0.35	0.07111	0.13	6
55	0.52869	0.40	I·72320	0.33	0.62285	0.67	I.79438	0.47	1.17811	0.35	0.07119	0.12	5
56 57	0.52893 0.52918	$0.42 \\ 0.42$	1.72340 1.72360	0·33 0·35	0.62325	0.68 0.67	T·79466 T·79495	0·48 0·47	1.17832	0·37 0·35	$0.07126 \\ 0.07134$	0·13 0·13	4
58	0.52918	0.42	1.72380	0.38	0.62406	0.67	1.79523	0.47	1.17854 1.17875	0.35	0.07134	0.13	3 2
59	0.52967	0.42	1.72401	0.33	0.62446	0.68	T·79551	0.47	1.17896	0.37	0.07150	0.13	ī
60	0.52992		1.72421		0.62487		T-79579		1.17918		0.07158		0
	Сов.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	D. 1".	,

32	1 1/1	GU1	A O TAT		CICAL	- L.	TACT		100		TOTAL T	~UG;	۵.
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D, 1".	Log Tan.	D. 1".	H÷c.	D. 1".	Log Sec.	D. 1".	
0 1 2	0.52992 0.53017 0.53041	0·42 0·40 0·42	1.72421 1.72441 1.72461	0.33	0.62487 0.62527 0.62568 0.62608	0.67 0.68 0.67 0.68	1.79579 1.79607 1.79635 1.79663	0.47 0.47 0.47 0.47	1-17918 1-17939 1-17961 1-17982	0·35 0·37 0·35 0·37	0.07158 0.07166 0.07174 0.07182	0·18 0·18	60 59 58
3 4 5	0.53115	0·42 0·40 0·42	$\begin{array}{c} 1.72482 \\ 1.72502 \\ \hline 1.72522 \end{array}$	0.33 0.33	0.62649 0.62689	0.67 0.68	1·79691 1·79719	0.47	1-18004 1-18025 1-18047	0-35 0-37 0-35	0.07190 0.07197	0.12	57 58 55
6 7 8 9	0.53164 0.53189	$0.42 \\ 0.42$	$\begin{array}{c} 1.72542 \\ 1.72562 \\ 1.72582 \\ 1.72602 \end{array}$	0·33 0·33	$   \begin{bmatrix}     0.62730 \\     0.62770 \\     0.62811 \\     0.62852 $	0.67 0.68 0.68 0.67	1.79747 1.79776 1.79804 1.79882	0:48 0:47 0:47 0:47	1-18068 1-18090 1-18111	0-37 0-38 0-37	0.07205 0.07213 0.07221 0.07220	0.13	54 58 52
10 11 12 13	0.53263 0.53288 0.53312	$0.40 \\ 0.42$	1.72622 $1.72643$ $1.72663$ $1.72683$	0·33 0·33 0·83	0.62892 0.62933 0.62973 0.63014	0.68 0.67 0.68 0.68	1-79860 1-79888 1-79916 1-79944	0.47 0.47 0.47 0.47	1-18133 1-18155 1-18176 1-18198	0-37 0-35 0-37 0-37	0-07237 0-07245 0-07253 0-07261	0·13 ( 0·13 ( 0·13 (	50 49 48 47
14 15 16 17 18	0.53361 0.53386 0.53411	0.40	1.72703 1.72723 1.72743 1.72763 1.72783	0·33 0·33 0·38	0.63055 0.63095 0.63136 0.63177 0.63217	0·67 0·68 0·68 0·67 0·68	1-79972 1-80000 1-80028 1-80050 1-80084	0 47 0 47 0 47 0 47 0 47	1-18220 1-18241 1-18263 1-18285 1-18307	0 35 0 37 0 37 0 37 0 35	0-07269 0-07277 0-07285 0-07298 0-07301	0·13 0·13 0·13	46 45 44 48
19 20 21	0.53460 0.53484 0.53509	0·40 0·42 0·42	1·72803 1·72823 1·72843	0.33 0.33 0.33	0.63258 0.63299 0.63340	0.68 0.68 0.67	1-80112 1-80140 1-80168	0-47 0-47 0-45	1-18328 1-18350 1-18372	0:37 0:37 0:37	0-07309 0-07317 0-07325	0·13   0·13   0·18	42 41 40 39
22 23 24 25	0.53558 0.53583	0.42	1.72863 1.72883 1.72902 1.72922	0·32 0·33	0-63380 0-63421 0-63462 0-63503	89-0 89-0 89-0	1-80195 1-80223 1-80251 1-80279	0 47 0 47 0 47 0 47	1-18416 1-18416 1-18437 1-18459	037	0 07333 0 07341 0 07349 0 07357	0.18	38 37 36 85
26 27 28 29	0.53632 0.53656 0.53681 0.53705	0·40 0·42 0·40 0·42	1.72942 1.72962 1.72982 1.73002	0.33 0.33 0.33 0.33	0-63544 0-63584 0-63625 0-63666	0:67 0:68 0:68 0:68	1-80307 1-80335 1-80363 1-80891	047	1-18481 1-18508 1-18525 1-18547	0 37 0 37 0 47 0 47	0-07365 0-07373 0-07381 0-07389	0·18 0·18 0·18	34 88 82 81
30 31 32 33 34	0.53754 0.53779 0.53804	0·40 0·42 0·43 0·40 0·42	1.78022 1.78041 1.78061 1.78081 1.78101	0·33 0·83 0·83	0-63789 0-63830	80-0 80-0 80-0 80-0 80-0	1-80419 1-80447 1-80474 1-80502 1-80580	0 47 0 45 0 47 0 47 0 47	1 18589 1 18591 1 18613 1 18685 1 18657	0 37 0 37 0 37 0 37 0 37	0-07397 0-07405 0-07413 0-07421 0-07429	0·13 0·13 0·13	80 29 28 27 26
35 36 37 38 39	0.53877 0.53902 0.53920	0·40 0·42 0·40 0·42 0·40	1.78121 1.78140 1.78160 1.78180 1.78200	0.33 0.33	0-68994 0-64085	80-0 80-0 80-0 80-0	1-80558 1-80586 1-80614 1-80643 1-80669	0 47 0 47 0 47 0 45 0 47	1 18701 1 18701 1 18703 1 18745 1 18767	0 37 0 37 0 37 0 37	0-07487 0-07445 0-07454 0-07462 0-07470	0·15 0·13 0·13	25 24 23 22 21
40 41 42 48	0.54000 0.54024 0.54040	0·42 0·40 0·42 0·40 0·40	T-78219 1-78239 1-78259 1-78278 1-78298	0.83 0.82 0.83	0-04117 0-64158 0-64199 0-64240 0-64281	80-0 80-0 80-0 80-0	1-80007 1-80725 1-80758 1-80781 1-80808	0 47 0 47 0 47 0 45 0 47	1 18790 1 18812 1 18814 1 18850 1 18878	0 37 0 37 0 37 0 37 0 38	0 07478 0 07486 0 07494 0 07502 0 07510	0·18 0·18 0·18	20 19 18 17 16
45 46 47 48 40	0.54122 0.54146 0.54171	0·42 0·40 0·42 0·40 0·49	1.73318 1.73337 1.73357 1.73377	0.88 0.88 0.82	0-64322 0-64363 0-64404 0-64446	0-68 0-68 0-70 0-68	1-808864 1-80864 1-80892 1-80919	0 47 0 47 0 45 0 47	1 18901 1 18923 1 18945 1 18967	0 37 0 37 0 37 0 38	0 07518 0 07527 0 07535 0 07548	0·15 0·13 0·13 0·13	15 14 18 13
50 51 52 53	0·54220 0·54244	0·42 0·40 0·42 0·40 0·40	1.78896 1.78416 1.78485 1.78455 1.78474	0.82 0.88 0.82	0.64528 0.64569 0.64610 0.64652	0.68 0.68 0.68 0.70 0.68	1-80947 1-80975 1-81008 1-81030 1-81058	0.47 0.45 0.45 0.47	1-18990 1-19013 1-19034 1-19057 1-19079	0 37 0 37 0 38 0 37 0 38	0 07551 0 07559 0 07567 0 07575 0 07584	1	11 10 9 8 7
54 55 50 57	0.54317 0.54342 0.54366 0.54391	0.42 0.40 0.42 0.40	1.73494 1.73513 1.73533 1.73552	0.82 0.82	0.64698 0.64784 0.64775 0.64817	0.68 0.68 0.70 0.68	1-81086 1-81118 1-81141 1-81169	0.45 0.47 0.47 0.45	1 19103 1 19124 1 19146 1 19169	0 37 0 37 0 38 0 37	0 07502 0 07600 0 07608 0 07616	0·18 0·18 0·18 0·18	6 5 4 8
58 59 60	0.54415 0.54440 0.54484	0.40	1.73572 1.78591 1.78611		0.64858 0.64899 0.64941	0.68 0.70	1-81224 1-81224 1-81222	0.47 0.47	1-19191 1-19191 1-19214 1-19236	0 38	0.07624	0·15 0·13	1 0
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D, 1",	Log Cut.	D. 1".	Cosec.	D. 1".	Log Coses	D. 1".	*

							1101			LIL	LUC	· · · ·	33
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.54464	0.40	<u>1</u> ·73611	0.32	0.64941	0.68	$\overline{1}$ ·81252	0.45	1.19236	0.38	0.07641	0.13	60
1 2	0.54488 0.54513	0.42	$\frac{1.73630}{1.73650}$	0.33	0.64982	0.70	1.81279	0.47	1.19259	0.37	0.07649	0.13	59
3	0.54513	0·40 0·40	1.73669	$0.32 \\ 0.33$	0.65024 0.65065	0.68 0.68	$\overline{1.81307}$ $\overline{1.81335}$	0·47 0·45	1.19281 $1.19304$	0.38	0.07657	0.13	58
4	0.54561	0.42	1·73689	0.32	0.65106	0.70	$\frac{1}{1}$ .81362	0.47	1.19327	0·38 0·37	0.07665 0.07674	$0.15 \\ 0.13$	57 56
5	0.54586	0.40	Ī·73708	0.32	0.65148	0.68	Ī·81390	0.47	1.19349	0.38	0.07682	0.13	55
6	0.54610	0.42	1.73727	0.33	0.65189	0.70	Ī·81418	0.45	1.19372	0.37	0.07690	0.13	54
7	0.54635	0.40	1.73747	0.32	0.65231	0.68	1.81445	0.47	1.19394	0.38	0.07698	0.15	53
$\frac{8}{9}$	0.54659 0.54683	$0.40 \\ 0.42$	$\frac{1.73766}{1.73785}$	$0.32 \\ 0.33$	0.65272 0.65314	0·70 0·68	$\frac{1.81473}{1.81500}$	0.45	1.19417	0.38	0.07707	0.13	52
1.0	0.54708	0.40	I.73805	0.32	0.65355		1.81528	0.47	1·19440 1·19463	0.38	0.07715	0.13	51
11	0.54732	0.40	1.73824	0.32	0.65397	$\begin{array}{c} 0.70 \\ 0.68 \end{array}$	$\frac{1.81528}{1.81556}$	0·47 0·45	1.19463	0·37 0·38	0.07723 0.07731	0·13 0·15	50 49
12	0.54756	0.42	1.73843	0.33	0.65438	0.70	Ī·81583	0.47	1.19508	0.38	0.07740	0.13	48
13	0.54781	0.40	I.73863	0.32	0.65480	0.68	<u>1</u> ·81611	0.45	1.19531	0.37	0.07748	0.13	47
14	0.54805	0.40	1.73882	0.32	0.65521	0.70	1·81638	0.47	1.19553	0.38	0.07756	0.15	46
15	0.54829	0.42	1.73901	0.33	0.65563	0.68	<u>1</u> ·81666	0.45	1.19576	0.38	0.07765	0.13	45
16 17	0.54854 0.54878	0.40	1.73921 $1.73940$	$0.32 \\ 0.32$	0.65646	$0.70 \\ 0.70$	$\frac{1.81693}{1.81721}$	0·47 0·45	1.19599 $1.19622$	$0.38 \\ 0.38$	0.07773 0.07781	$0.13 \\ 0.13$	44
18	0.54902	0.42	Ī·73959	0.32	0.65688	0.68	$\frac{1}{1}.81748$	0.47	1.19645	0.38	0.07789	0.15	42
19	0.54927	0.40	1.73978	0.32	0.65729	0.70	$\bar{1}$ ·81776	0.45	1.19668	0.38	0.07798	0.13	41
20	0.54951	0.40	T·73997	0.33	0.65771	0.70	<u>1</u> .81803	0.47	1.19691	0.37	0.07806	0.13	40
21	0.54975	0.40	1.74017	0.32	0.65813	0.68	1.81831	0.45	1.19713	0.38	0.07814	0.15	39
$egin{bmatrix} 22 \ 23 \end{bmatrix}$	0.54999 0.55024	0·42 0·40	1.74036 1.74055	0.32	0.65854	0.70	1.81858	0.47	1.19736	0.38	0.07823	0.13	38
24	0.55048	0.40	1.74074	$\begin{array}{c} 0.32 \\ 0.32 \end{array}$	0.65938	0·70 0·70	1.81886 1.81913	0·45 0·47	1.19759 $1.19782$	$0.38 \\ 0.38$	0.07831 0.07839	0·13 0·15	37 36
25	0.55072	0.42	1.74093	0.33	0.65980	0.68	T·81941	0.45	1.19805	0.38	0.07848	0.13	35
26	0.55097	0.40	1.74113	0.32	0.66021	0.70	1.81968	0.47	1.19828	0.38	0.07856	0.13	34
27	0.55121	0.40	1.74132	0.32	0.00003	0.70	$\overline{1} \cdot 81996$	0.45	1.19851	0.38	0.07864	0.15	33
28	0.55145	0.40	T.74151	0.32	0.66105	0.70	<u>1</u> ·82023	0.47	1.19874	0.38	0.07873	0.13	32
29	0.55169	0.42	1.74170	0.32	0.66147	0.70	1.82051	0.45	1.19897	0.38	0.07881	0.13	31
30	0.55194	0.40	I.74189	0.32	0.66189	0.68	I.82078	0.47	1.19920	0.40	0.07889	0.15	30
81 82	$0.55218 \\ 0.55242$	0·40 0·40	1.74208 1.74227	$0.32 \\ 0.32$	0.66230	0·70 0·70	1.82106 1.82133	0·45 0·47	1·19944 1·19967	$\begin{array}{c} 0.38 \\ 0.38 \end{array}$	0.07898 0.07906	0·13 0·13	29 28
83	0.55266	0.42	1.74246	0.32	0.66314	0.70	T-82161	0.45	1.19990	0.38	0.07914	0.15	27
84	0.55291	0.40	1.74265	0.32	0.66356	0.70	1.82188	0.45	1.20013	0.38	0.07923	0.13	26
35	0.55315	0.40	1.74284	0.32	0.66398	0.70	<u>T</u> ·82215	0.47	1.20036	0.38	0.07931	0.15	25
86	0.55339	0.40	T.74303	0.32	0.66440	0.70	1.82243	0.45	1.20059	0.40	0.07940	0.13	24
87 88	0.55363 0.55388	0·42 0·40	1.74322 1.74341	$0.32 \\ 0.32$	0.66482	0·70 0·70	$\frac{1.82270}{1.82298}$	0·47 0·45	1.20083 1.20106	$0.38 \\ 0.38$	0.07948 $0.07956$	$0.13 \\ 0.15$	23 22
39	0.55412	0.40	T.74360	0.32	0.66566	0.70	1.82325	0.45	1.20129	0.38	0.07965	0.13	21
40	0.55436	0.40	T·74379	0.32	0.66608	0.70	T-82352	0.47	1.20152	0.40	0.07973	0.15	20
41	0.55460	0.40	T:74398	0.32	0.00000	0.70	T.82380	0.45	1.20176	0.38	0.07982	0.13	19
42	0.55484	0.42	1.74417	0.32	0.66692	0.70	1.82407	0.47	1.20199	0.38	0.07990	0.13	18
43	0.55509	0.40	1.74436 1.74455	0.32	0.66734	0·70 0·70	1.82435 1.82462	0·45 0·45	1.20222 $1.20246$	0·40 0·38	0.07998 0.08007	$0.15 \\ 0.13$	17 16
44	0.55583	0.40		0.32	0.66776		T-82489		1	0.38	0.08015	0.15	1 1
45	0.55557 0.55581	0.40	T.74474 T.74493	$0.32 \\ 0.32$	0.66818	0·70 0·70	1.82489	0·47 0·45	1.20269 1.20292	0.38	0.08015	0.13	15 14
47	0.55605	0.42	T.74512	0.32	0.66902	0.70	1.82544	0.45	1.20316	0.38	0.08032	0.15	13
48	0.55630	0.40	Ĩ·74531	0.30	0.66944	0.70	I-82571	0.47	1.20339	0.40	0.08041	0.13	12
49	1	0.40	I.74549	0.82	1	0.70	1.82599		1.20368	0.88	0.08049	0.15	1 1
50	0.55678	0.40	T.74568	0.82	0.67028	0.72	T-82626	0.45	1.20386	0.40	0.08088	0.13	10
51	0.55702	0·40 0·40	T.74587 T.74606	$0.32 \\ 0.32$	0.67071 0.67118	0·70 0·70	1.82653 1.82681	0·47 0·45	1.20410 $1.20433$	0.88 0.40	0.08066 0.08075	0·15 0·13	8
53	0.55750	0.42	T.74625	0.32	0.67155	0.70	T-82708	0.45	1.20457	0.38	0.08083	0.15	7
54	0.55775	0.40	T·74644	0.80	0.67197	0.70	T·82735	0.45	1.20480	0.40	0.08092	0.18	6
55	0.55799	0.40	<u>T</u> ·74662	0.82	0.67239	0.72	<u>1</u> ·82762	0.47	1.20504	0.88	0.08100	0.15	5
56	0.55828	0.40	I.74681	0.82	0.67282	0.70	I-82790	0.45	1.20527	0.40	0.08109	0.18	4
57	0.55847	0.40	I·74700 I·74719	0·82 0·80	0.67324	0·70 0·72	1.82817 1.82844	0·45 0·45	1.20551 1.20575	0·40 0·88	0.08117 0.08126	0·15 0·13	3 2
58 59	0.55871	0·40 0·40	I.74719	0.80	0.67866	0.72	T-82871	0.47	1.20598	0.40	0.08134	0.15	1
60	0.55919	~ # W	T-74756		0.67451	. • -	T-82899		1.20622		0.08143		0
1		T) 4#	<del>(194)(</del>	T) 1"		1) 1//	Log Cot.	D 1"		D 1"	Log Cosec	D 1"	-
L	Cos.	D. 1".	Log Cos.	ν. r.,	Cot.	D. L.	TOR COL	J. J.,	, CONGG.	<i>1</i> 7, 1,	LOE COSC		١ ,

<del></del>	1 7 7 7							2. 111	N	7. 1//	7		_
,	Sine.	D. 1".	Log Sin.	D. I".	Tan.	D. 1".	Log Tan.	15, 17,	See.	D. F.	Log Sec.	D. 1".	
	A FF010	0.40	T.74756	0.32	0.67451	0.70	1.82899	0.45 1	20622	0.38	0.08143	0.18	00
0	0.55019	0.40	1.74775	0.32	0.67493	0.72	1.82926	0.45 1	20645	()-4()	0.08151	0.15	-
1	0.55943	0.42		0.30	0.67536	0.70	1.82953	0.45 1	20669	0.40	0.08160		
2	0.55968	0.40	1.74704			0.70	1-82980		20693	0.40	0.08168	0.13	
3	0.55992	0.40	1.74812	0.82	0.67578	0.72	1.83008		20717	0.38		0.15	57
4	0.56016	0.40	1.74831	0.32	0.67620	0.13	1.00000				0.08177	0.13	56
5	0.56040	0.40	1.74850	0.80	0.67668	0.70	1.83035		20740	0.40	0.08185	0.15	55
6	0.56064	0.40	1.74868	0.82	0.67705	0.72	1.83062	0.45 1	20764	0.40	0.08194	0.13	54
	0.56088	0.40	1.74887	0.32	0.67748	0.70	1.83089	0.47 1	20788	0.40	0.08202	0.15	58
7	0.56112	0.40	1.74906	0.30	0.67790	0.70	1.83117	0.45 1	·20812	0.40	0.08211	0.18	
8		0.40	1.74924	0.32	0.67832	0.72	1.83144	0.45 1	20836	0.38	0.08219	0.15	51
9	0.56136							i		0.40			
10	0.56160	0.40	T.74943	0.30	0.67875	0.70	1.83171		20859		0.08228	0.15	50
111	0.56184	0.40	1.74961	0.32	0.67917	0.72	1-83198	0.45 1		0.40	0.08237	0.13	49
12	0.56208	0.40	1.74080	0.32	0.67960	0.70	1.83225	0.45		0.40	0.08245	0.15	48
13	0.56232	0.40	1.74999	0.30	0.68002	0.72	1-88252	0.47		0.40	0.08254	0.13	47
14	0.56256	0.40	1.75017	0.32	0.08045	0.72	1.88280	0.45 1	-20955	0.40	0.08262	0.15	46
1 1			T-75036	0.30	0.08088	0.70	1.83307	0.45 1	20979	0.40	0.08271	0.15	1 1
15	0.56280	0.42				0.72	1-83334	0.45 1		0.40	0.08280		1 1
16	0.56305	0.40	1.75054	0.32	0.68130	0.70	1-83361	0.45		0.40	0.08288	0.18	44
17	0.56329	0.40	1.75078	0.80	0.68178		1.83388	0.46 1		0.40	0.08297	0.15	1 1
18	0.56853	0.40	1.75091	0.82	0.68215	0.72						0.18	42
19	0.56877	0.40	1.75110	0.80	0.68268	0.72	1.83415	0.45	w.turn	0.40	0.08309	0.15	41
20	0.56401	0.40	1.75128	0.82	0.08301	0.70	1.88442	0 47 1	21099	0.40	0.08314	0.15	40
21	0.56425	0.40	1.75147	0.80	0.08343	0.72	1.83470	0.45 1	21123	11 411	0.08323	0.18	89
22	0.56449	0.40	1.75165	0.82	0.68386	0.72	1.88497	0.45 1		0.40	0.08881	0.15	88
	0.56478	0.40	T-75184	0.80	0.08429	0.70	1.88524	0.45 1		0.40	0.08840	0.15	
28			1.75202	0.82	0.68471	0.72	1-83551		21195	0.43	0.08349	0.13	
24	0.56497	0.40						1					1
25	0.56521	0.40	1.75221	0.30	0.68514	0.72	1.88578		21220	0.40	0.08357	0.15	35
26	0.56545	0.40	1.75239	0.82	0-68557	0.72	1-83605	0.45 1		() 4()	០-មកនិត្តិថ	0.15	34
27	0.56569	0.40	1.75258	0.30	0-08600	0.70	1.83632	0.45 1		0.40	0-08375	0.13	88
28	0.56593	0.40	1.75276	0.30	0.08643	0.73	1-83659	0.45 1		0.40	0-08383	0.15	32
29	0.56617	0.40	1.75294	0.32	0.08085	0.72	LABOAD	0.45 1	21316	0.42	0-08393	0.15	31
1 1				0.30	0.68728	0.72	1 83713	0 45 1	111141	0.40	0.08401	0.13	1
80	0.56641	0.40	1.75313				1 88740	0.47		0.40	0.08408		80
81	0.20002	0.40	£75331	0.82	0.68771	0.72						0.18	29
82	0.26688	0.40	T-75350	0.30	0.08814	0.72	1-83768	0.45 1		0.42	0.08418	0.15	28
88	0.56713	0.88	1.75368	0.80	0.68857	0.73	1 88798	0.45 1		0.40	0 08 (27	0.18	
84	0.56736	0.40	I-75386	0.82	0.68900	0.70	T-HHHES	0.47 1	21438	0.40	0.08435	0.19	26
85	0.56760	0.40	T.75405	0.30	0.68942	0.72	1 HUH40	0.45 1	21462	0.43	0.08444	0.15	25
86	0.56784	0.40	1.75423	0.30	0.68985	0.72	1-83876	0.45 1	21487	0.40	0.08453	0.15	24
87	0.50808	0.40	1.75441	0.80	0.69028	0.72	1 мароа	0.45 1		0.40	0.08462	0.13	28
88	0.50832	0.40	1.75459	0.82	0.60071	0.72	1 83930	0.45 1		0 42	0.08470	0.15	22
89	0.56850	0.40	1.75478	0.80	0 69114	0.72	1 88957	0 45 1		0.40	0 08479	0.15	21
					i			1.					
40	0.56880	0.40	1.75490	0.30	0.69157	0.72	1-HIIIH4	0 45 1		U 42	0.08488	0.18	1 1
41	0.20004	0.40	1.75514	0.82	0.69200	0.72	1 84011	0 45 1		0.40	0.08450	0.15	1 1
42	0.50928	0.40	1.75538	0.30	0.69243	0.72	1.84038	0.45 1	21622	0.43	មាមអង្គមា	0.15	18
48	0.56952	0.40	1.75551	0.30	0.69286	0.72	1 84065	0.45 1	21058	0.40	0.08514	0 15	17
44	0.56976	0.40	1.75569	0.80	0.69329	0.72	1.84092	0.45 1	216N2	0.42	0 08523	0.13	16
45	0.57000	0.40	T-75587	0.80	0.69372	0.78	1-84119	0.48 1	41707	0.40	0.08581	0-15	15
46	0.57024	0.88	Î-75605	0.82	0.09416	0.72	1.84146			0.42	0.08540	0.15	1
	0.57047	0.40	1.75024	0.80				0 45 1		0.42			4
47					0.69459	0.73	1-84178	0.45			UPAROD	0.15	13
48	0.57071	0.40	1.75642 1.75660	0.30	0.09502	0.72	1 84200	0.45 1		0.40	មិននិងមា ប	0.15	1
49	ĺ	0.40		0.20	0.69545	0.72	1 84337	0.49 1	HIND	0 42	น แสลส7	0.13	11
50	0.57119	0.40	T-75678	0.80	0.69588	0.72	1-84254	0 43 1	BIRBU	0 42	u uxa7a	0.18	10
51	0.57148	0.40	T-75696	0.80	0.69681	0.73	1-84280	0.45 1		0 40	0.08584	0.15	
52	0.57167	0.40	I.75714	0.32	0.69675	0.72	1-84307		MINTU	11 42	ппябра	0.15	
53	0.57191	0.40	T.75788	0.80	0.09718	0.72	1-84884	0.48 1		0.42	0 08602	0.15	
54	0.57215	0.88	1.75751	0.30	0.09701	0.72	1.84861	0.45 1		0 40	0 08611	0.13	
1	l				ļ			1					1
55	0.57238	0.40	I.75769	0.80	0.69804	0.73	1.84388		211153	11 42	0-08619	0.15	5
56	0.67262	0.40	I.75787	0.80	0.69847	0.78	1.84415	0.45 1		0.42	0 08628	0.15	4
57	0.57286	0.40	1.75805	0.80	0.68881	0.72	[-84443	0 45 1	ដោយដូម	0 42	0 08637	0-15	
58	0.57810	0.40	I.75823	0.80	0.69984	0.72	1-84469	0 45 1	12028	U 42	ម មកម្	0.15	2
28	0.57884	0.40	I.75841	0.30	0.69977	0.73	1.84496	0.45 1	22052	0 40	ម មន្តមន្ត្	0.15	1
60	0.57358		T-75859		0.70021		I-84523	1			0 08664		0
Introductions	rhapmy was recommended and	Tarana de la companya		distractive representatives	M.IAABY	фетрипичного пре	<b>新聞信託的 4</b>		22077	- no viago como	H H H H H H	oppy and the control of the control	, <u> </u>
	Cos.	D. 1".	Log Cos.	D. 1".	Cot.	1), 1",	Log Cot.	D. 1".	Chapman.	D. 1".	Lang Current	. 11. 1".	. ,
-					2		F17				999		

### ONOMETRICAL FUNCTIONS & THEIR LOGS. 35°

10.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec. 1	D. 1".	
358	0.38	<u>I</u> .75859	0.30	0.70021		<u>1</u> ·84523	0.45	1.22077	0.42		0.13	60
$\frac{381}{405}$	$0.40 \\ 0.40$	T·75877 T·75895	0.30	0.70064 0.70107		1.84550 1.84576	0.43	1.22102	0.42		0.15	59
$\frac{405}{429}$	0.40	1.75913	0.30	0.70107	$0.73 \\ 0.72$	1.84576 1.84603	0.45	1.22127 $1.22152$	$\begin{array}{c} 0\cdot 42 \\ 0\cdot 42 \end{array}$		0.15   0.15	58 57
453	0.40	Ī·75931	0.30	0.70194	0.73	T-84630	0.45	1.22177	$0.42 \\ 0.42$		0.15	56
477	0.40	I-75949	0.30	0.70238	0.72	I·84657	0.45	1.22202	0.42		0.15	55
501	0.38	1.75967	0.30	0.70281	0.73	I-84684		1.22227	0.42	0.08717	0.15	54
524	0.40	I.75985	0.30	0.70325	0.72	T·84711	0.45	1.22252	0.42	0.08726	0.13;	53
548	0.40	T.76003		0.70368	0.73	1.84738	0.43	1.22277	0.42		0.15	52
572	0.40	1.76021	0.30	0.70412	0.72	1.84764		1.22302	0.42	0.08743	0.15	51
596 619	$0.38 \\ 0.40$	T.76039 T.76057	0.30	0.70455	$\begin{array}{c} 0.73 \\ 0.72 \end{array}$	$\frac{1.84791}{1.84818}$	0.45	1.22327 $1.22352$	0.42		0.15	50
643	0.40	1.76057		0.70499	$0.72 \\ 0.73$	1.84818 1.84845	0·45 0·45	1.22352	$0.42 \\ 0.42$		0.15   0.15	49
667	0.40	1.70093	0.30	0.70586	0.72	1.84872	0.45	1.22402	0.43		0.15	47
691	0.40	1.76111		0.70629	0.73	Ī·84899	0.43	1.22428	0.42		0.15	46
71.5	0.38	1.76129		0.70673	0.73	<u>1</u> ·84925	0.45	1.22453	0.42	0.08797	0.15	45
738	0.40	1.76146	0.30	0.70717	0.72	1.84952	0.45	1.22478	0.42	0.08806	0.15	44
762	0.40	1.76164		0.70760	0.73	T.84979	0.45	1.22503	0.42		0.15	43
786	0.40	1.76182 1.76200		0.70804	0.73 $0.72$	1.85006 1.85033	0.45	1.22528	0.43		0.15	42
810	0.40							1.22554	0.42		0.15	41
833 857	0.40	1.76218 1.76236		0.70891	$0.73 \\ 0.73$	1.85059 1.85086		1.22579 $1.22604$	$0.42 \\ 0.42$	0.08842 $0.08851$	$0.15 \\ 0.13$	40
881	0.38	1.76253		0.70935	0.73	1.85086	0.45	1.22629	0.42	0.08851	0.13	39 38
904	0.40	1.76271		0.71023	0.72	1.85140	0.43	1.22655	0.42		0.15	37
928	0.40	1.76289		0.71066	0.73	1.85166		1.22680		0.08877	0.15	36
952	0.40	1.76307		0.71110	0.73	<u>T</u> -85193	0.45	1.22706	0.42	0.08886	0.15	35
976	0.38	T.76324	0.30	0.71154	0.73	1.85220	0.45	1.22731	0.42	0.08895	0.15	34
.888	0.40	T.76342		0.71198		1.85247				0.08904	0.15	33
023	0.40	1.76360		0.71242		T-85273				0.08913	0.15	32
047	0.38	I.76378	1	0.71285		T.85300		1.22807	0.43	0.08922	0.15	31
070	0.40	1.76395		0.71329	0.73	T-85327		1.22833		0.08931	0.15	30
1118	0.40 0.88	T.76418 T.76481		0.71373		T-85354 T-85380		1.22858		$0.08940 \\ 0.08949$	0·15 0·15	29 28
81.18 81.41	0.40	1.76431		0.71417	0.73	1.85407				0.08958	0.15	27
165	0.40	1.76466		0.71505		1.85434				0.08967	0.17	26
1189	0.38	1.76484		0.71549	0.73	T-85460		1		0.08977	0.15	25
212	0.40	1.76501	0.30	0.71598		1.85487	0.45	1.22986	0.43	0.08986	0.15	24
3236	0.40	1.76510	0.80	0.71637	0.73	1.85514	0.43	1		0.08995	0.15	23
3260	0.88	I.76587		0.71681		1.85540				0.09004	0.15	22
1283	0.40	T.76554		0.71725		T-85567				0.09018	0.15	21
1807	0.38	T.76572		0.71769		T-85594		1		0.09022	0.15	20
1380 1984	0.40	1.76590 1.76607		0.71813		1.85620 1.85647				0.09031 $0.09040$	0·15 0·15	19 18
8854 8378	0.40	1.76625		0.71807		1.85674				0.09049	0.15	17
3401	0.40	1.76642		0.71946						0.09058	0.15	
3425		T.76660		0.71990		T-85727	0.45	1.23217	0.43	0.09067	0.15	15
1449	0.38	1.76677	0.30	0.72084	0.73	I.85754	0.43	1.23243	0.43	0.09076	0.15	14
8472	0.40	1.76695	0.28	0.72078						0.09085	0.15	
8490		1.76712		0.72122		T-85807					0.17	
3510				1				1				1
3543										$0.09113 \\ 0.09122$	0.15	. 1 . 1
3507			0.28								0·15 0·15	
8590 8614						199					0.15	
3637											0.15	
3661		1.0		1				ļ			0.17	
8684						contract to the contract to th			0.45	0.09168	0.15	4
8708				0.72521	0.78	I-86046	0.45	1.23529	0.48	0.09177	0.15	3
3781	0.40	T-76887	0.28	0.72565	0.75						0.15	
8755				1							0.15	Į.
3779		I.76922		0.72654		T-86126		1.23607		0.09204		0
os.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1"	. Cosec.	D. 1"	. Log Cosec.	. D.1"	

JU	1 1/1								<del></del>	***************************************	·	<del>2003.</del>
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	1). 1".	Log Tan.	D. I".	personal pour curt in exemple approved	D. 1".	Log Sec.	D. 1".
	0.58779	0.88	T-76922	0.28	0.72654	0.75		0.45	1.23607 1.23633	0.43	0.09204	* *0 00
	0.58802	0·40 0·38	1.76989 1.76957	$0.30 \\ 0.28$	0.72699	$0.73 \\ 0.75$	1.86153 1.86179	0.45	1.23659	0.43	0·09213 0·09223	2 27 100
3	0.58826		1.76974	0.28	0.72788	0.73	1-86206	0.43	1.23685	0.43	0.09232	
4	0.58873		1.76991	0.30	0.72832	0.75	1.86232	0.46	1.23711	0.45	0.09241	0.15 56
5	0.58896	0.40	1.77009	0.28	0.72877	0.73	1.86259	0.43	1-23738	0.43	0.09250	j .
6	0.58920	0.38	1.77026	0.28	0.72921	0.75	1.86285	0.45	1.23764	0.43	0.09259	0.17 54
7	0.58943	0.40	1.77043	0.30	0.72966	0.73	1.86312		1-23790	0.43	0.09269	
8	0.58967	0.38	1.77001	0.28	0.73010	$0.75 \\ 0.75$	1.86388 1.86365		1-23816	0.45	0.09278 0.09287	
9	0.58990	0.40	1.77078	0.28		•			1.23869	0.43		0.15 51
10	0.59014	0.38	1.77095	0.28	0.73100	0.75	1-86392 1-86418		1.23895	0.45	0-09296 0-09306	
$11 \\ 12$	0.59037 0.59061	0.38	1.77130	0.28	0.73189	0.75	1.88445		1-23922	0.43	0.09315	
13	0.59084	0.40	1.77147	0.28	0.73234	0.73	1.88471	0.45	1-23948	0.45	0.09324	0.15 47
14	0.59108	0.38	1.77164	0.28	0.73278	0.75	1.86498	0.43	1.23975	0.43	0.09333	
15	0.59131	0.38	1.77181	0.30	0.73323	0.75	1.86524	0.45	1-24001	0.45	0.09343	0.15 45
16	0.50154	0.40	T-77199	0.28	0.73368	0.75	1.86551		1-24028	0.43	0.09352	77.7
17	0.59178	0.38	1.77216	0.28	0.73413	0.73	1.86577 1.86603		1-24054	0.45	0.09361	0.15 48
18	0.50201	0.40	1.77233 1.77250	0.28 0.30	0.78457	0.75 0.75	1.86680		1-24107	0.45	0.09370 0.09380	
19	0.59225			0.28	0.78547	0.75	1.86656		1 24131	0.43	0.09389	
20	$0.59248 \\ 0.59272$	$0.40 \\ 0.38$	T-77268 T-77285	0.28	0.78592	0.75	1.86683		1 24160	0.45	0.09398	
$\frac{21}{22}$	0.59295	0.38	1.77302	0.28	0.78687	0.73	1.86709		1-24187	0.43	0.09408	
	0.59318	0.40	1.77319	0.28	0.73681	0.75	1.86730		1-21213	11-4.3	0.09417	0.15 37
24	0.59342	0.38	1.77336	0.28	0.73726	0.75	1.80703	0045	1 2 4 2 4 0	0.45	0.00426	0-15 36
25	0.59365	0.40	1.77853	0.28	0.73771	0.75	1-80789		1 24267	0.43	0.09432	
26	0.59389	0.38	1.77870	0.28	0.73816	0.75	1-86815	0/45	1 24293	11-45	0.09445	0 .
27	0.59413	0.40	1.77387	0.80 0.28	0.73861	0.75 0.75	1.86842	0.43	1-24320 1-24347	0.45	-0+09454 -0+09463	
28 29	0.59436	0.38 0.38	1.77422	0.28	0.73951	0.75	1-86894	0.45	1 24373	0 45	0.09473	
1	0.59482	0.40	1.77439	0.28	0.73996	0.75	1.86921	0.43	1-24400	0.45	0.09482	1 "
80 81	0.59506	0.38	1.77466	0.28	0.74041	0.75	1-86947	11-45	1-24427	0.45	0.09494	
32	0.59529	0.38	1.77473	0.28	0.74086	0.75	1.86974	0.43	1424454	0.45	0.09501	0.15 28
83	0.59552	0.40	1.77490	0.28	0.74131	0.75	1.87000	0.45	1 24481	0.45	0.09510	
84	0.59576		1.77507	0.28	0.74176	0.73	1.87027	11-43	1/24508	0.43	0.09520	
85	0.59599		1.77524	0.28	0.74221	0.77	1.87053	0.43	1-24534	11:45	្រាកាអង្គក្នុងព ព្រះពេទ្ធក្នុងព្រះ	
86	0.59622	0.40	1.77541 1.77558	0.28 0.28	0.74207	0.75 0.75	1.87079	0.45 0.43	1-24588	0.45	- 0+09538 - 0+09548	11177
87 88	0.59646   0.59669		1.77575	0.28	0.74357	0.75	1-87132	11-43	1 24615	0.45	0 09557	
89	0.59093		1.77692	0.28	0.74402		1-87158		1 24642	0 45	បៈពុប្បធម្មា	
40	0.59716	0.38	1.77609	0.28	0.74447	0.75	1-87185	0.43	1-24669	0 45	0-09576	0-15 20
41	0.59789	0.40	1.77626		0.74492	0.77	1.87211	0.45	1 - 24 0 24 0	0 45	0.09585	
42	0.59763		1.77648		0.74538		I-M723AM	11 43	1 21723	0 45	ម-ពង្គង្គង	
48	0.59780		1.77660	0·28 0·28	0.74583		1.87284	0.49	1-24777	0.45	- 0 - 09604 - 0 - 09614	
44	0.59809				1							1
46	0.59832		1.77694 $1.77711$	0·28 0·28	0.74674		1.87317	0.43	1 24882 1 24882	0.47	- ០-០១៩១៦ - ០-០១៩៦១	
47	0.59879		1.77728		0.74764		1-87360	0.45		0.45	0.09642	2.4.7.71
48	0.59902	0.40	1.77744	0.28	0.74810	0.75	1.87396	0.43	1-24KHH	0.45	ម មេមាភ្នំរ	0-17 12
49	0.59926	0.38	1.77761	0.28	0.74855	0.75	1.87422	0.43	1 24912	0.45	ព-ពង្ធកូត្	0-15 11
50	0.59949		1.77778		0.74900		1.47444		1 24940	0.45	0.09670	
51			1.77795		0.74946		1.87475		1 24967	41-47	a main	
152			$\frac{1.77812}{1.77829}$		0.74991		1.87501 1.87527		1-24995	0.45	0-09691	
53 54	0.60019		1.77840		0.75082		1.87554		1.25049	0 47	0.02021	
55	0.60065		1.77862		0.75128		1.87580	0.43	1	0.45	0 0971	
56	)		1.77879		0.75178		1.87606		1-20104	0.45	0.09727	
57			1.77890	0.28	0.75219		1.87033		1 25111	0.47	០-០១ក្នុង។	
58			I-77918				1.87659		1.25159	0.45	0.0974	
128	1				0.75310		1.87685	0.43	1 using	0 47	0 0975	1 .
60	0.60182	}	1.77940		0.75858		I-87711		1-25214		0.0976	3 0
de oue	Cos.	D. 1"	Log Cos	. D. 1"	Cot.	I). 1"	. Log Cot.	D. 1"	Comer.	D. 1"	. Log Cose	e. D. 1".
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# ONOMETRICAL FUNCTIONS & THEIR LOGS. 37°

								~ 111.	T-11/	LUG	<b>~</b>	JI
ie.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1''.	
182	0.38	1.77946	0.28	0.75355	0.77	ī·87711	0.45	1.25214	0.45			
205	0.38	1.77963	0.28	0.75401	0.77	$\frac{1}{1}$ .87738	0.43	1.25241	0.45	$0.09765 \\ 0.09775$	0·17 0·15	60 59
228	0.38	1.77980	0.28	0.75447	0.75	1.87764	0.43	1.25269	0.45	0.09784	0.17	58
251. 274	0.40	1.77997	0.27	0.75492	0.77	1.87790	0.45	1.25296	0.47	0.09794	0.15	57
274	0.40	1.78013	0.28	0.75538	0.77	1.87817	0.43	1.25324	0.45	0.09803	0.17	56
298	0.38	1.78030	0.28	0.75584	0.75	<u>1</u> ·87843	0.43	1.25351	0.47	0.09813	0.15	55
321 344	0·38 0·38	1.78047 1.78063	0.27	0.75629	0.77	I-87869	0.43	1.25379	0.45	0.09822	0.17	54
307	0.38	1.78080	0·28 0·28	0.75675	0.77	1.87895	0.45	1.25406	0.47	0.09832	0.15	53
390	0.40	1.78097	0.27	0.75767	0·77 0·75	$\frac{1.87922}{1.87948}$	0.43	1.25434	0.47		0.17	52
114	0.38	T-78113	0.28				0.43	1.25462	0.45	0.09851	0.17	51
437	0.38	1.78130	0.28	0.75812 0.75858	$0.77 \\ 0.77$	1.87974	0.43	1.25489	0.47		0.15	50
160	0.38	1.78147	0.27	0.75904	0.77	1.88000 1.88027	0.45	1.25517	0.47		0.17	49
183	0.38	1.78163	0.28	0.75950	0.77	T-88053	0·43 0·43	1.25545 $1.25572$	$0.45 \\ 0.47$		0.15	48
506	0.38	1.78180	0.28	0.75996	0.77	η88079	0.43	1.25600	0.47		0·17 0·17	47 46
529	0.40	1.78197	0.27	0.76042	0.77	T-88105	0.43	1.25628			- 1	
553	0.38	1.78218	0.28	0.76088	0.77	I-88131	0.45	1.25656	$0.47 \\ 0.45$		0·15 0·17	45
576	0.38	1.78230	0.27	0.76134	0·77	1.88158	0.43	1.25683	0.47		0.15	44
599	0.38	1.78246	0.28	0.76180	0.77	I-88184	0.43	1.25711	0.47		0.17	42
322	0.38	1.78263	0.28	0.76226	0.77	T·88210	0.43	1.25739	0.47	0.09947	0.17	41
645	0.38	1.78280	0.27	0.76272	0.77	1.88236	0.43	1.25767	0.47	0.09957	0.15	40
800	0.38	1.78296	0.28	0.76318	0.77	1.88262	0.45	1.25795	0.47		0.17	39
691	0.38	1.78318	0.27	0.76364	0.77	1.88289	0.43	1.25823	0.47	0.09976	0.17	38
714	()-4()	1.78329	0.28	0.76410	0.77	1.88315	0.43	1.25851	0.47		0.15	37
738	0.38	1.78346	0.27	0.76456	0.77	1.88341	0.43	1.25879	0.47	0.09995	0.17	36
761	0.38	1.78362	0.28	0.76502	0.77	1.88367	0.43	1.25907	0.47	0.10005	0.17	35
784	0.38	1.78379	0.27	0.76548	0.77	1.88393	0.45	1.25935	0.47	0.10015	0.15	34
807 830	0.38 0.38	$\frac{1.78395}{1.78412}$	0·28 0·27	0.76594	0.77	1.88420 1.88446	0.43	1.25963	0.47	0.10024	0.17	33
888	0.38	1.78428	0.28	0.76686	$0.77 \\ 0.78$	1.88472	$0.43 \\ 0.43$	1.25991 1.26019	0·47 0·47	$0.10034 \\ 0.10044$	$0.17 \\ 0.15$	$\begin{array}{c} 32 \\ 31 \end{array}$
870	0.38	1.78446	0.27	0.76733	0.77	T-88498	0.43				- 1	í <b>í</b>
899	0.38	1.78461	0.28	0.76779	0.77	1.88524	0.43	1.26047 $1.26075$	0·47 0·48	0·10053 0·10063	0·17 0·17	30 29
022	0.38	1.78478	0.27	0.76825	0.77	T-88550	0.45	1.26104	0.47	0.10073	0.15	28
945	0.38	1.78494	0.27	0.76871	0.78	T-88577	0.43	1.26132	0.47	0.10082	0.17	27
968	0.38	1.78510	0.28	0.76918	0.77	T.88603	0.43	1.26160	0.47	0.10092	0.17	26
991	0.40	1.78527	0.27	0.76964	0.77	T-88629	0.43	1.26188	0.47	0.10102	0.17	25
015	0.38	1:78543	0.28	0.77010	0.78	T-88655	0.43	1.26216	0.48	0.10112	0.15	24
038	0.38	1.78560	0.27	0.77057	0.77	I.88681	0.43	1.26245	0.47	0.10121	0.17	23
061	0.88	1.78570	0.27	0.77103	0.77	1.88707	0.43	1.26273	0.47	0.10131	0.17	22
084	0.38	1.78592	0.28	0.77149	0.78	1.88733	0.43	1.26301	0.48	0.10141	0.17	21
107	0.38	1.78609	0.27	0.77196	0.77	T-88759	0.45	1.26330	0.47	0.10151	0.15	20
130	0.88	1.78625 1.78642	0.28	0.77242	0.78	1.88786 1.88812	0.43	1.26358	0·48 0·47	0·10160 0·10170	0·17 0·17	19 18
153 176	88·0	1.78658	$0.27 \\ 0.27$	$0.77289 \\ 0.77335$	$0.77 \\ 0.78$	1.88838	0·43 0·43	1.26387 $1.26415$	0.47	0.10170	0.17	17
199	0.88	1.78074	0.28	0.77382	0.77	T-88864	0.43	1.26443	0.48	0.10190	0.15	16
222	0.38	1.78691	0.27	0.77428	0.78	T.88890	0.43	1.26472	0.47	0.10199	0.17	15
245	0.38	1.78707	0.27	0.77475	0.77	T-88916	0.43	1.26500	0.48	0.10103	0.17	14
268	0.88	1.78723	0.27	0.77521	0.78	T.88942	0.43	1.26529	0.47	0.10219	0.17	13
291	0.88	1.78739	0.28	0.77568	0.78	T-88968	0.43	1.26557	0.48	0.10229	0.17	12
314	0.88	1.78756	0.27	0.77615	0.77	T-88994	0.43	1.26586	0.48	0.10239	0.15	11
337	0.38	1.78772	0.27	0.77061	0.78	T-89020	0.43	1.26615	0.47	0.10248	0.17	
360	0.88	1.78788	0.28	0.77708	0.77	T-80046	0.45	1.26643	0.48	0.10258	0.17	
383	0.88	1.78805	0.27	0.77754	0.78	T-89073	0.43	1.26672	0.48	0.10268	0.17	
406	0.88	T.78821	0.27	0.77801	0.78	T-89099	0.43	1.26701	0·47 0·48	0·10278 0·10288	0·17 0·17	
429	0.37	1.78837	0.27	0.77848	0.78	T-89125	0.43	1.26729				1 1
451	0.88	T.78858	0.27	0.77895	0.77	T-89151	0.43	1.26758	0.48	0.10298	0.15	. 1
474	0.88	1.78869	0.28	0.77941	0.78	$\frac{1.89177}{1.89203}$	0·43 0·43	1.26787 1.26815	0·47 0·48	0·10307 0·10317	0·17 0·17	
497 520	0.88 0.88	T.78886 T.78902	0·27 0·27	0.77988	0·78 0·78	1.89203 1.89229	0.43		0.48	0.10317	0.17	
548	0.88	1.78918	0.27	0.78082	0.78	1.89255	0.48	1.26873	0.48	0.10337	0.17	
	V 00	T-78984	0 41	1		T-89281		1.26902		0.10347		0
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	0.62024 0.62046 0.62069 0.62092 0.62115		T·79256 T·79272 T·79288 T·79804 T·70810	0·27 0·27 0·25	0.70117	0·78 0·80 0·78	1-89801 1-89827 1-89853 1-89879 1-89905	0-43 0-43 0-43	1-27483 1-27513 1-27542 1-27572 1-27601	0 50 0 48 0 50 0 48 0 48	0-10555 0-10565 0-10575 0-10585	0·17 0·17 0·17 0·17	40 89 88 87 86
	0.62138 0.62160 0.62183 0.62206 0.62229	0·37 0·38 0·38 0·38 0·37	I-79335 I-79351 I-79367 I-79383 I-79399	0·27 0·27 0·27	0-79306 0-79354 0-79401 0-79449 0-79496	0.78 0.80 0.78	1-89931 1-89957 1-89983 1-90009 1-90035	0-43 0-43 0-43 0-43	1 27630 1 27660 1 27680 1 27719 1 27748	0-50 0-48 0-50 0-48 0-50	0-10605 0-10615 0-10625 0-10636	0·17 0·17 0·18 0·18	86 84 83 83 83
	0.62251 0.62274 0.62297 0.62320 0.62342	0.38 0.38 0.38 0.37 0.38	1.79415 1.79481 1.79447 1.79463 1.79478	0·27 0·27 0·27 0·25 0·25	0.79544 0.79591 0.79639 0.79686 0.79784	0-80 0-78 0-80 0-78	1.90061 1.90086 1.90112 1.90138 1.90164	0-43 0-43 0-43 0-43	1-27778 1-27807 1-27837 1-27807 1-27896	0-48 0-50 0-50 0-48 0-50	0-10656 0-10666 0-10676 0-10686	0·17 0·17 0·17 0·17 0·17	2 2 2 2
	0.62865 0.62388 0.62411 0.62433 0.62456	0.38 0.38 0.37 0.38 0.38	T-79494 T-79510 T-79526 T-79542 T-79558	0·27 0·27 0·27 0·27 0·25	0·79781 0·79829 0·79877 0·79934 0·79972	0·80 0·80 0·78 0·80 0·80	T-90190 1-90216 1-90242 1-90268 1-90294	0.43 0.43 0.43	1-27926 1-27956 1-27985 1-28015 1-28045	0-50 0-50 0-50 0-50	0-10706 0-10716 0-10726 0-10726	0·17 0·17 0·17 0·17 0·17	2 2 2 2
	0.62479 0.62502 0.62524 0.62547 0.62570	0·38 0·37 0·38 0·38 0·37	T-79573 T-79589 T-79605 T-79621 T-79636	0·27 0·27 0·27 0·25 0·27	0-80020 0-80067 0-80115 0-80163 0-80211	0.78 0.80 0.80 0.80 0.78	1-90320 1-90346 1-90371 1-90397 1-90423	0 43 0 43 0 43 0 43	1 28075 1 28105 1 28134 1 28164 1 28194	0 50 0 48 0 50 0 50	0 10746 0 10756 0 10767 0 10777 0 10787	0·17 0·18 0·17 0·17 0·17	1
3	0.62592 0.62615 0.62638 0.62660 0.62683	0.38 0.37 0.38 0.38	T-79652 T-79668 T-79684 T-79699 T-79715	0·27 0·27 0·25 0·27 0·27	0-80258 0-80306 0-80354 0-80402 0-80450	08·0 08·0 08·0 08·0 08·0	1.90449 1.90476 1.90501 1.90527 1.90553	0.43 0.43 0.43	1-28254 1-28254 1-28284 1-28314 1-28344	0 50 0 50 0 50 0 50 0 50	0-10797 0-10807 0-10817 0-10827 0-10838	0-17 0-17 0-17 0-18 0-17	1
1	0.62706 0.62728 0.62751 0.62774 0.62796	0.37 0.38 0.38 0.37 0.38	1.79781 1.79746 1.79762 1.79778 1.79793	0·25 0·27 0·27 0·25 0·27	0.80498 0.80546 0.80594 0.80642 0.80690	080 080 080 080 080	1.90578 1.90604 1.90630 1.90636 1.90682	0·43 n·43	1.28404 1.28404 1.28404 1.28404 1.28405	0-50 0-50 0-50 0-50 0-50	0-10848 0-10858 0-10868 0-10878 0-10888	0-17 0-17 0-17 0-17 0-18	
3739	0.62819 0.62842 0.62864 0.62887 0.62909	0.38 0.37 0.38 0.37 0.38	T-79809 T-79825 T-70840 T-79856 T-79872	0·27 0·25 0·27 0·27 0·25	0.80788 0.80786 0.80884 0.80882 0.80980	0.80 0.80 0.80 0.80 0.80	I-90708 I-90784 I-90789 I-90788 I-90811 I-90887	0.43 0.42 0.43 0.43 0.43	1-28555 1-28555 1-28585 1-28615 1-28646	0-50 0-50 0-50 0-52 0-50	0-10899 0-10909 0-10919 0-10940 0-10950	0·17 0·17 0·17 0·18 0·17	
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1 0.02955 0-37 179903 0-27 0-81075 0-80 190880 0-43 1-28708 0-52 0-10960 0-17 3 0-63000 0-37 179934 0-27 0-81133 0-80 190914 0-43 1-28767 0-50 0-10980 0-18 1 0-63036 0-38 179956 0-25 0-81171 0-82 190940 0-43 1-28767 0-50 0-10980 0-18 1 0-63036 0-38 179956 0-25 0-81121 0-82 190940 0-43 1-28767 0-50 0-10980 0-18 1 0-63046 0-38 179956 0-25 0-81210 0-80 190940 0-43 1-28767 0-50 0-10980 0-18 1 0-63046 0-38 179956 0-25 0-81226 0-80 1-90940 0-43 1-28767 0-50 0-10980 0-18 1 0-63046 0-38 179956 0-27 0-81226 0-80 1-90952 0-43 1-28858 0-50 0-11010 0-17 0-63040 0-38 179996 0-27 0-81316 0-80 1-91013 0-42 1-28858 0-50 0-11012 0-17 0-63156 0-38 180027 0-27 0-81316 0-80 1-91013 0-42 1-28859 0-50 0-11032 0-17 0-63156 0-38 1-80027 0-27 0-81513 0-80 1-91003 0-43 1-28950 0-50 0-11042 0-17 0-63156 0-38 1-80037 0-27 0-81510 0-80 1-91003 0-43 1-28950 0-50 0-11042 0-17 0-63150 0-38 1-80038 0-27 0-81510 0-80 1-91047 0-43 1-28901 0-52 0-11052 0-18 11 0-63233 0-37 1-80047 0-25 0-81558 0-80 1-91120 0-43 1-28902 0-52 0-11053 0-17 13 0-63231 0-38 1-80150 0-25 0-81605 0-82 1-91147 0-43 1-28901 0-52 0-11063 0-17 140 0-43 1-28903 0-52 0-11063 0-17 140 0-43 1-28903 0-52 0-11063 0-17 140 0-43 1-28903 0-53 0-11064 0-17 140 0-43 140 0-43 140 0-43 140 0-43 14									. ~ `	~ 444			~.	
1 0.02905 0-37 179998 0-25 0-81027 0-80 190862 0-43 1-28790 0-52 0-10060 0-17 3 0.03000 0-37 179934 0-27 0-81123 0-80 190914 0-43 1-28737 0-50 0-10070 0-18 4 0-03022 0-88 179956 0-25 0-81127 0-82 190940 0-43 1-28737 0-50 0-10080 0-18 4 0-03022 0-88 179956 0-25 0-81127 0-82 190940 0-43 1-28737 0-50 0-10080 0-18 4 0-03020 0-88 17-9936 0-27 0-81208 0-80 190940 0-43 1-28737 0-50 0-10010 0-17 0-17 0-03000 0-88 17-9936 0-27 0-81208 0-80 190960 0-43 1-28883 0-50 0-11010 0-17 0-17 0-03000 0-88 17-9936 0-27 0-81316 0-80 10-1012 0-43 1-28883 0-50 0-11010 0-17 0-17 0-17 0-17 0-17 0-17	,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
1 0.02955 0-37 179098 0-27 0-81027 0-80 190886 0-43 1-82760 0-52 0-10070 0-17 3 0.03000 0-37 179034 0-27 0-81123 0-80 190914 0-43 1-82767 0-50 0-10080 0-18 4 0-03022 0-38 179095 0-25 0-81127 0-82 190914 0-43 1-82767 0-50 0-10080 0-18 4 0-03022 0-38 179095 0-25 0-81127 0-82 190914 0-43 1-82767 0-50 0-10080 0-18 4 0-0302 0-38 179095 0-25 0-81127 0-82 190914 0-43 1-82767 0-50 0-10080 0-18 4 0-0302 0-38 179095 0-25 0-81127 0-82 190914 0-43 1-828767 0-50 0-10080 0-18 4 0-03048 0-82 179095 0-27 0-81316 0-80 19092 0-43 1-82888 0-52 0-11011 0-17 0-0300 0-38 179096 0-27 0-81316 0-80 191013 0-42 1-82889 0-50 0-11012 0-17 0-03158 0-31 180027 0-27 0-81413 0-80 191013 0-42 1-82889 0-50 0-11032 0-17 0-03158 0-37 1-80042 0-25 0-81413 0-80 191020 0-43 1-82850 0-50 0-11032 0-17 0-10 0-03158 0-37 1-80042 0-25 0-81413 0-80 191020 0-43 1-82850 0-50 0-11042 0-17 12 0-03203 0-37 1-80042 0-25 0-81453 0-80 191020 0-43 1-82850 0-50 0-11042 0-17 12 0-03203 0-37 1-80042 0-27 0-81451 0-82 191020 0-43 1-82850 0-50 0-11052 0-18 112 0-43 1-80068 0-27 0-81850 0-80 191122 0-43 1-829072 0-50 0-11052 0-18 14 0-03248 0-38 1-80136 0-27 0-81850 0-80 191122 0-43 1-829072 0-50 0-11073 0-17 130 0-63238 0-38 1-80136 0-25 0-81655 0-80 191122 0-43 1-829072 0-50 0-11073 0-17 16 0-63293 0-38 1-80136 0-25 0-81703 0-82 191122 0-43 1-829072 0-52 0-11124 0-18 10 0-63388 0-38 1-80136 0-25 0-81703 0-82 191224 0-43 1-82913 0-52 0-11144 0-18 10 0-63388 0-38 1-80136 0-25 0-81782 0-80 191220 0-43 1-829126 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-82 191226 0-42 1-82918 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-82 191226 0-42 1-82918 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-82 191226 0-42 1-82918 0-52 0-11145 0-17 0-63406 0-37 1-80274 0-27 0-81840 0-82 191337 0-43 1-829126 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-39 191226 0-42 1-82918 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-39 191226 0-42 1-82918 0-52 0-11145 0-17 0-63316 0-37 1-80182 0-25 0-81880 0-39 191226 0-42 1-82918 0-52 0-11145 0-17 0-63316 0-37	0	0.62932	0.38	1.79887	0.27	0.80978	0.82	T-90837	0.43	1.28676	0.50	0.10050	0.17	60
2 0-62977		0.62955	0.37		0.25			T-90863						59
4   0-63022   0-38   7-7995   0-25   0-81171   0-82   1-09960   0-43   1-28797   0-82   0-10991   0-17								<u>1</u> .90889	0.42					58
S											0.50			57
G   0.63068   0.57   1.79981   0.25   0.81268   0.80   1.90992   0.43   1.28888   0.52   0.11011   0.18   0.63118   0.37   1.80012   0.25   0.81316   0.83   1.91018   0.43   1.28919   0.52   0.11032   0.17   0.63158   0.38   1.80027   0.27   0.81413   0.80   1.91018   0.43   1.28919   0.52   0.11032   0.17   0.63158   0.38   1.80027   0.27   0.81413   0.80   1.91018   0.43   1.28919   0.52   0.11032   0.17   0.63158   0.38   1.80043   0.25   0.81416   0.82   1.91018   0.43   1.28919   0.52   0.11032   0.17   0.63158   0.38   1.80048   0.25   0.81515   0.89   0.91121   0.43   1.28019   0.45   0.11033   0.17   0.63203   0.38   1.80058   0.27   0.81508   0.80   0.91121   0.43   1.28019   0.45   0.11033   0.17   0.63248   0.38   1.80105   0.25   0.81558   0.80   1.91128   0.43   1.29012   0.45   0.11033   0.17   0.63271   0.37   1.80120   0.27   0.81508   0.80   1.91128   0.43   1.29012   0.45   0.11033   0.17   0.63271   0.37   1.80120   0.27   0.81508   0.80   1.91250   0.43   1.29012   0.45	4				- 1		0.82		0.43	1.28797	0.52	0.10991	0.17	56
7 0.63900 0.98 1.79996 0.27 0.81316 0.80 1.91018 0.42 1.28889 0.50 0.11022 0.17 9 0.63135 0.48 1.90012 0.25 0.81346 0.82 1.910130 0.43 1.28915 0.50 0.11042 0.17 10 0.63158 0.37 1.80043 0.25 0.81413 0.80 1.910160 0.43 1.28915 0.50 0.11042 0.17 11 0.63158 0.37 1.80043 0.25 0.81610 0.82 1.91095 0.43 1.28915 0.50 0.11042 0.17 11 0.63158 0.38 1.80058 0.27 0.81610 0.82 1.91095 0.43 1.28950 0.50 0.11052 0.18 11 0.63158 0.38 1.80058 0.27 0.81610 0.82 1.91095 0.43 1.29014 0.50 0.11033 0.17 11 0.63158 0.38 1.80058 0.27 0.81606 0.82 1.91172 0.43 1.29012 0.50 0.11033 0.18 11 0.63248 0.38 1.80015 0.25 0.81605 0.82 1.91172 0.43 1.29013 0.50 0.11033 0.18 11 0.63248 0.38 1.80015 0.25 0.81605 0.82 1.91172 0.43 1.29013 0.50 0.11094 0.17 11 0.63248 0.38 1.8015 0.25 0.81703 0.80 1.91180 0.43 1.29013 0.50 0.11094 0.17 11 0.63293 0.38 1.8015 0.25 0.81703 0.82 1.91280 0.43 1.29130 0.50 0.11094 0.17 11 0.63293 0.38 1.8015 0.25 0.81703 0.82 1.91276 0.43 1.29134 0.52 0.1114 0.17 11 0.63338 0.38 1.8016 0.27 0.81840 0.82 1.91276 0.43 1.29144 0.52 0.1114 0.17 11 0.63338 0.38 1.8016 0.27 0.81840 0.82 1.91276 0.43 1.29226 0.50 0.11135 0.17 11 0.63346 0.37 1.80137 0.27 0.81840 0.82 1.91276 0.43 1.29226 0.50 0.11135 0.17 11 0.63346 0.37 1.80137 0.27 0.81840 0.82 1.91370 0.43 1.29226 0.50 0.11135 0.17 11 0.63346 0.37 1.80127 0.27 0.81840 0.82 1.91370 0.43 1.29237 0.52 0.11166 0.17 11 0.63466 0.37 1.80210 0.25 0.8185 0.82 1.91370 0.43 1.29237 0.52 0.11166 0.17 11 0.63466 0.37 1.80210 0.25 0.82247 0.82 1.91370 0.42 1.29381 0.52 0.11166 0.17 11 0.63467 0.37 1.80244 0.25 0.80240 0.80 1.91440 0.43 1.29331 0.50 0.11166 0.17 11 0.18 0.18 0.18 0.18 0.18 0.18 0.18 0										1.28828	0.50	0.11001	0.17	55
8   0.63113   0.47   1.80012   0.25   0.81304   0.82   7.91045   0.43   1.28950   0.55   0.71032   0.17   10   0.63168   0.37   1.80043   0.25   0.81401   0.82   7.91095   0.43   1.28950   0.55   0.11042   0.17   11   0.63168   0.37   1.80043   0.25   0.81413   0.80   7.91121   0.43   1.28950   0.55   0.11042   0.17   12   0.63203   0.37   1.80074   0.25   0.81558   0.80   1.91121   0.43   1.28950   0.50   0.11033   0.17   13   0.63225   0.38   1.80050   0.25   0.81555   0.85   1.91127   0.43   1.29027   0.55   0.11033   0.17   13   0.63226   0.38   1.80050   0.25   0.81555   0.85   1.91127   0.43   1.29027   0.52   0.11033   0.17   15   0.63271   0.37   1.80120   0.27   0.81705   0.82   1.91180   0.43   1.29103   0.55   0.11040   0.17   15   0.63271   0.37   1.80150   0.25   0.81505   0.85   0.911250   0.43   1.29104   0.45   0.11141   0.18   17   0.63316   0.37   1.80151   0.25   0.81800   0.82   1.91270   0.43   1.29105   0.52   0.11125   0.17   18   0.63385   0.38   1.80160   0.27   0.81840   0.82   1.91327   0.43   1.29225   0.55   0.11145   0.18   19   0.63460   0.37   1.80123   0.25   0.81905   0.82   1.91327   0.43   1.29225   0.55   0.11145   0.18   10   0.63475   0.38   1.80228   0.27   0.82044   0.85   0.81035   0.43   1.29235   0.52   0.11145   0.18   11   0.63450   0.37   1.80244   0.25   0.82045   0.85   1.91327   0.43   1.29225   0.52   0.11145   0.18   12   0.63460   0.37   1.80244   0.25   0.82045   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.18   12   0.63460   0.37   1.80244   0.25   0.82045   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.18   12   0.63450   0.37   1.80250   0.25   0.82345   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.17   12   0.63460   0.37   1.80250   0.25   0.82345   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.17   12   0.63460   0.37   1.80250   0.25   0.82345   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.17   12   0.63460   0.37   1.80250   0.25   0.82345   0.85   1.91426   0.43   1.29349   0.52   0.11145   0.17   12   0.63460														54
9   0.63156   0.37   1.80043   0.27   0.81461   0.82   1.91069   0.43   1.28050   0.50   0.11042   0.15     10   0.63156   0.38   1.80058   0.27   0.81161   0.80   0.911121   0.43   1.29011   0.52   0.11052   0.15     12   0.63203   0.37   1.80074   0.25   0.81151   0.80   0.911121   0.43   1.29011   0.52   0.11063   0.17     13   0.63225   0.38   1.80050   0.27   0.81165   0.80   0.911172   0.43   1.29072   0.52   0.11063   0.17     14   0.63245   0.38   1.80105   0.25   0.81165   0.80   0.911172   0.43   1.29072   0.52   0.11033   0.17     15   0.63293   0.37   1.80130   0.27   0.81703   0.82   1.91225   0.43   1.29103   0.52   0.11104   0.17     16   0.63293   0.37   1.80150   0.27   0.81703   0.82   1.91250   0.43   1.29104   0.52   0.11114   0.17     18   0.63336   0.37   1.80160   0.27   0.81800   0.82   1.91250   0.43   1.29126   0.52   0.11114   0.17     18   0.63336   0.37   1.80160   0.27   0.81800   0.82   1.91250   0.43   1.29126   0.52   0.11114   0.18     10   0.63386   0.37   1.80180   0.27   0.81800   0.80   0.91327   0.43   1.29226   0.52   0.11145   0.18     10   0.63386   0.37   1.80218   0.27   0.81800   0.80   0.91320   0.43   1.29226   0.52   0.11145   0.18     10   0.63380   0.38   1.80180   0.27   0.81800   0.80   0.91320   0.43   1.29226   0.52   0.11145   0.18     10   0.63380   0.37   1.80213   0.27   0.81905   0.81261   0.48   0.49   1.29321   0.52   0.11145   0.18     10   0.63380   0.37   1.80213   0.27   0.81905   0.82   0.91300   0.43   1.29326   0.52   0.11145   0.18     10   0.63460   0.37   1.80244   0.25   0.82021   0.82   0.91300   0.43   1.29321   0.52   0.11145   0.18     10   0.63461   0.37   1.80244   0.25   0.82021   0.82   0.91404   0.43   1.29341   0.52   0.11166   0.17     12   0.63460   0.37   1.80240   0.25   0.82141   0.82   0.91404   0.43   1.29341   0.52   0.11166   0.17     12   0.63461   0.37   1.80200   0.25   0.82141   0.82   0.91404   0.43   1.29342   0.52   0.11160   0.17     12   0.63461   0.37   1.80200   0.25   0.82141   0.82   0.91404   0.43   1.2934								1.91018						53
10								1.01060						52 51
11   0.63180	1													
12														50 49
181   G-63225   C-38   1-80080   O-27   O-81060   O-82   T-91172   O-43   1-29072   O-52   O-11083   O-17				T-80074										48
14   0-63248   0-38   1-80100   0-25   0-81165   0-80   1-91198   0-48   1-29103   0-50   0-11094   0-17   10   0-63271   0-37   1-80150   0-25   0-81752   0-80   1-21250   0-43   1-29104   0-52   0-111124   0-18   17   0-63316   0-37   1-80150   0-25   0-81840   0-82   1-91276   0-43   1-29105   0-52   0-111125   0-17   18   0-63338   0-38   1-80166   0-27   0-81840   0-82   1-91276   0-43   1-29105   0-52   0-111125   0-17   19   0-63361   0-37   1-80182   0-25   0-81840   0-82   1-91301   0-43   1-2926   0-55   0-111155   0-17   19   0-63361   0-37   1-80182   0-25   0-81840   0-82   1-91327   0-43   1-29256   0-55   0-111155   0-17   19   0-63406   0-87   1-80218   0-25   0-81046   0-82   1-91370   0-42   1-29318   0-52   0-111156   0-17   0-63406   0-87   1-80228   0-27   0-82044   0-80   1-91430   0-43   1-29380   0-52   0-11167   0-18		0.63225	0.38	1.80089										47
16	14	0.63248	0.38	1.80105	0.25	0.81655	0.80	I.91198	0.43		0.50	0.11094	0.17	46
160   -632916   -038   -5801516   -025   -0315752   -030   -191250   -043   -19164   -052   -011124   -015   -038316   -037   -038160   -027   -0381840   -032   -039176   -043   -192926   -050   -011135   -017   -038406   -037   -038180   -036   -025   -038180   -038   -03917   -027   -038180   -038   -03917   -027   -038180   -038   -03917   -027   -038180   -038   -03918   -	15	0.63271	0.37		0.27	0.81703	0.82	1.91224	0.43	1-29133	0.52	0.11104	0.17	45
18	16								0.43	1.29164				44
10														43
20				1.80100										42
21										i				41
22				1.80197										40
23 0.63461 0.37														39
24														38 37
25														36
20   0-63518   0-37   1-80200   0-25   0-82238   0-82   1-91507   0-48   1-29473   0-52   0-11218   0-17     27   0-63563   0-37   1-80320   0-27   0-82386   0-82   1-91550   0-43   1-29504   0-52   0-11223   0-17     20   0-63563   0-38   1-80336   0-25   0-82385   0-82   1-91585   0-42   1-29566   0-52   0-11239   0-17     30   0-63630   0-38   1-80381   0-25   0-82385   0-82   1-91585   0-42   1-29566   0-52   0-11249   0-17     31   0-63653   0-37   1-80382   0-25   0-82383   0-82   1-91636   0-43   1-29566   0-52   0-11249   0-17     32   0-63653   0-37   1-80382   0-25   0-82531   0-82   1-91662   0-43   1-29659   0-52   0-11259   0-18     33   0-63675   0-83   1-80481   0-27   0-82650   0-82   1-91662   0-43   1-29659   0-52   0-11291   0-17     34   0-63698   0-37   1-80481   0-27   0-82650   0-82   1-91713   0-43   1-29721   0-52   0-11291   0-17     35   0-63720   0-37   1-80484   0-25   0-82678   0-82   1-91739   0-43   1-29752   0-53   0-11312   0-17     36   0-63742   0-38   1-80488   0-25   0-8277   0-82   1-91705   0-43   1-29784   0-52   0-11323   0-18     38   0-63787   0-38   1-80488   0-25   0-8277   0-82   1-91705   0-43   1-29846   0-52   0-11332   0-18     39   0-63810   0-37   1-80488   0-25   0-82874   0-82   1-91868   0-43   1-29877   0-52   0-11332   0-18     40   0-63882   0-37   1-80560   0-25   0-82972   0-83   1-91868   0-43   1-29877   0-53   0-11353   0-18     40   0-63882   0-37   1-80560   0-25   0-82972   0-83   1-91868   0-43   1-29877   0-53   0-11353   0-18     40   0-63882   0-37   1-80560   0-25   0-83071   0-82   1-91919   0-43   1-29971   0-52   0-11364   0-17     41   0-63864   0-37   1-80560   0-25   0-83160   0-82   1-91919   0-43   1-29971   0-53   0-11365   0-11     45   0-63944   0-37   1-80560   0-25   0-83160   0-82   1-91919   0-43   1-29971   0-53   0-11365   0-11     46   0-63944   0-37   1-80665   0-25   0-83160   0-82   1-91919   0-43   1-29971   0-53   0-11466   0-17     47   0-63989   0-37   1-80665   0-25   0-83660   0-82   1-91919   0-43   1-29971   0	25		0.37	T-80274	0.27	0.82190	0.80	T-91482	0.42	l .			0.18	35
27   0-63540   0-38														34
29		0.63540	0.38		0.25	0.82287		T.91533	0.43					33
30								1.91559						32
31	29	0.63585	0.88	1.80336	0.25	0.82385			0.42	1.29566	0.52	0.11249	0.17	31
0-03663   0-37														30
83														29
34				1.80302										28 27
S5														26
St						ļ.				1				25
37														24
S8														23
40       0.63882       0.87       T.80504       0.25       0.82923       0.82       T.91868       0.42       1.29909       0.52       0.11364       0.17         41       0.63854       0.38       T.80519       0.25       0.82972       0.83       T.91893       0.43       1.29940       0.52       0.11374       0.18         42       0.63877       0.37       T.80534       0.27       0.83022       0.82       T.91919       0.43       1.29971       0.53       0.11385       0.17         43       0.63890       0.38       T.80550       0.25       0.83071       0.82       T.91945       0.43       1.30003       0.52       0.11395       0.18         44       0.63924       0.37       T.80560       0.25       0.83160       0.82       T.91906       0.43       1.30066       0.52       0.11416       0.18         46       0.63944       0.37       T.80650       0.25       0.83160       0.82       T.91906       0.43       1.30066       0.52       0.11416       0.18         47       0.63989       0.37       T.80610       0.25       0.83268       0.82       T.92073       0.43       1.30129       0.52       0.11437		0.63787	0.38	1.80473	0.27	0.82825								22
41 0.63854 0.38 1.80519 0.25 0.82972 0.83 1.91893 0.43 1.29940 0.52 0.11374 0.18 42 0.63877 0.37 1.80534 0.27 0.83022 0.82 1.91919 0.43 1.29971 0.53 0.11385 0.17 43 0.63890 0.38 1.80550 0.25 0.83071 0.82 1.91945 0.43 1.30003 0.52 0.11395 0.18 44 0.63922 0.37 1.80565 0.25 0.83120 0.82 1.91971 0.42 1.30034 0.53 0.11406 0.17 45 0.63944 0.37 1.80565 0.25 0.83120 0.82 1.91900 0.43 1.30066 0.52 0.11416 0.18 46 0.63966 0.38 1.80595 0.25 0.83218 0.83 1.90202 0.43 1.30097 0.53 0.11427 0.17 47 0.63989 0.37 1.80610 0.25 0.83268 0.82 1.92048 0.42 1.30129 0.52 0.11437 0.18 48 0.64011 0.37 1.80625 0.27 0.83317 0.82 1.92073 0.43 1.30160 0.53 0.11448 0.17 49 0.64038 0.38 1.80641 0.25 0.83866 0.82 1.92099 0.43 1.30192 0.52 0.11458 0.18 50 0.64056 0.37 1.80656 0.25 0.83415 0.83 1.92125 0.42 1.30223 0.53 0.11469 0.17 51 0.64078 0.37 1.80656 0.25 0.83465 0.82 1.92150 0.43 1.30255 0.53 0.11469 0.17 52 0.64100 0.38 1.80686 0.25 0.83465 0.82 1.92150 0.43 1.30255 0.53 0.11469 0.18 52 0.64103 0.38 1.80686 0.25 0.83644 0.83 1.92150 0.43 1.30287 0.52 0.11490 0.18 52 0.64103 0.37 1.80716 0.25 0.83864 0.82 1.92202 0.42 1.30318 0.53 0.11469 0.18 53 0.64123 0.37 1.80716 0.25 0.83664 0.82 1.92202 0.42 1.30318 0.53 0.11419 0.18 55 0.64167 0.38 1.80731 0.25 0.83664 0.82 1.9227 0.43 1.30382 0.52 0.11490 0.18 55 0.64167 0.38 1.80731 0.25 0.83662 0.83 1.92253 0.43 1.30382 0.52 0.11501 0.17 54 0.64167 0.38 1.80746 0.27 0.83712 0.82 1.9227 0.42 1.30318 0.53 0.11511 0.18 55 0.64234 0.37 1.80770 0.25 0.83662 0.83 1.92253 0.43 1.30413 0.53 0.11513 0.18 56 0.64234 0.37 1.80770 0.25 0.83810 0.82 1.92330 0.43 1.30445 0.53 0.11543 0.17 58 0.64234 0.37 1.80770 0.25 0.83860 0.83 1.92356 0.42 1.30509 0.53 0.11564 0.18 59 0.64256 0.88 1.80792 0.25 0.83861 0.82 1.92381 1.30541 0.11575	39	0.63810	0.37	1.80489	0.25	0.82874	0.82	1.91842	0.43	1.29877	0.53	0.11353	0.18	21
42       0.63877       0.37       1.80534       0.27       0.83022       0.82       1.91919       0.43       1.29971       0.53       0.11385       0.17         43       0.63899       0.38       1.80550       0.25       0.83071       0.82       1.91945       0.43       1.30003       0.52       0.11395       0.18         44       0.63922       0.37       1.80560       0.25       0.83120       0.82       1.91971       0.42       1.30034       0.53       0.11406       0.17         45       0.63944       0.37       1.80580       0.25       0.83169       0.82       1.91900       0.43       1.30066       0.52       0.11416       0.18         46       0.63966       0.38       1.80695       0.25       0.83268       0.82       1.92022       0.43       1.300907       0.53       0.11427       0.17         47       0.63968       0.37       1.80625       0.27       0.83317       0.82       1.92073       0.43       1.30129       0.52       0.11437       0.18         48       0.64011       0.37       1.80625       0.27       0.83366       0.82       1.92073       0.43       1.30129       0.52       0.11448 <td>40</td> <td>0.63882</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td>	40	0.63882												20
43         0.63890         0.38         1.80550         0.25         0.83071         0.82         T.91945         0.48         1.80003         0.52         0.11395         0.18         44         0.63922         0.37         T.80565         0.25         0.83120         0.82         T.91071         0.42         1.30034         0.53         0.11406         0.17           45         0.63944         0.37         T.80580         0.25         0.83169         0.82         T.91090         0.43         1.30066         0.52         0.11416         0.18           46         0.63969         0.37         T.80610         0.25         0.83268         0.82         T.92022         0.43         1.30097         0.53         0.11427         0.17           47         0.63989         0.37         T.80625         0.27         0.83268         0.82         T.92073         0.43         1.30129         0.52         0.11437         0.18           48         0.64011         0.37         T.80656         0.25         0.83866         0.82         T.92099         0.43         1.30160         0.53         0.11448         0.17           51         0.64056         0.37         T.80656         0.25         0.														19
44 0.63922 0.37 1.80565 0.25 0.83120 0.82 1.91071 0.42 1.30034 0.53 0.11406 0.17 45 0.63944 0.37 1.80580 0.25 0.83169 0.82 1.91090 0.43 1.30066 0.52 0.11416 0.18 46 0.63966 0.88 1.80595 0.25 0.83218 0.83 1.92022 0.43 1.30097 0.53 0.11427 0.17 47 0.63989 0.37 1.80610 0.25 0.83268 0.82 1.92048 0.42 1.30129 0.52 0.11437 0.18 48 0.64011 0.87 1.80625 0.27 0.83317 0.82 1.92073 0.43 1.30160 0.53 0.11448 0.17 49 0.64038 0.88 1.80641 0.25 0.83415 0.83 1.92199 0.43 1.30192 0.52 0.11435 0.18 50 0.64056 0.87 1.80656 0.25 0.83415 0.83 1.92125 0.42 1.30223 0.53 0.11469 0.17 51 0.64078 0.37 1.80671 0.25 0.83465 0.82 1.92150 0.43 1.30287 0.52 0.11439 0.18 52 0.64100 0.38 1.80686 0.25 0.83514 0.83 1.92176 0.43 1.30287 0.52 0.11490 0.18 53 0.64123 0.37 1.80710 0.25 0.83564 0.82 1.92202 0.42 1.30318 0.53 0.11501 0.17 54 0.64167 0.38 1.80781 0.25 0.83664 0.82 1.92202 0.42 1.30318 0.53 0.11501 0.17 56 0.64167 0.38 1.80746 0.27 0.83613 0.82 1.92253 0.43 1.30382 0.52 0.11511 0.18 55 0.64167 0.38 1.80746 0.27 0.83662 0.83 1.92253 0.43 1.30382 0.52 0.11511 0.18 56 0.64234 0.37 1.80746 0.27 0.83712 0.82 1.92279 0.42 1.30413 0.53 0.11532 0.18 59 0.64234 0.37 1.80777 0.25 0.83661 0.83 1.92356 0.42 1.30445 0.53 0.11553 0.18 59 0.64256 0.88 1.80792 0.25 0.83810 0.82 1.92330 0.43 1.30447 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.30509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.30509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.80509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.44 1.80509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.80509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.80509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.92381 0.84 1.80509 0.53 0.11553 0.18 50 0.64279 1.80807 0.88910 1.80807 0.88910 1.80608 0.42 1.80509 0.53 0.11553 0.18														18 17
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10		1				1				l .				15
47 0.63989 0.37 1.80610 0.25 0.83268 0.82 1.92048 0.42 1.30129 0.52 0.11437 0.18 48 0.64011 0.37 1.80625 0.27 0.83317 0.82 1.92073 0.43 1.30160 0.53 0.11448 0.17 49 0.64038 0.38 1.80641 0.25 0.83866 0.82 1.92099 0.43 1.30192 0.52 0.11458 0.18 50 0.64056 0.37 1.80656 0.25 0.83415 0.83 1.92125 0.42 1.30223 0.53 0.11469 0.17 51 0.64078 0.37 1.80671 0.25 0.83465 0.82 1.92150 0.43 1.30255 0.53 0.11469 0.17 52 0.64100 0.38 1.80686 0.25 0.83514 0.83 1.92176 0.43 1.30255 0.53 0.11479 0.18 52 0.64123 0.37 1.80701 0.25 0.83564 0.82 1.92202 0.42 1.30318 0.53 0.11479 0.18 53 0.64123 0.37 1.80716 0.25 0.83564 0.82 1.92202 0.42 1.30318 0.53 0.11501 0.17 54 0.64145 0.37 1.80716 0.25 0.83663 0.82 1.92227 0.43 1.30382 0.52 0.11501 0.17 55 0.64167 0.38 1.80731 0.25 0.83662 0.83 1.92253 0.43 1.30382 0.52 0.11511 0.18 55 0.64190 0.37 1.80746 0.27 0.83712 0.82 1.92279 0.42 1.30413 0.53 0.11532 0.18 57 0.64212 0.37 1.80762 0.25 0.83761 0.83 1.92253 0.43 1.30445 0.53 0.11532 0.18 58 0.64234 0.37 1.80777 0.25 0.83811 0.82 1.92304 0.43 1.30445 0.53 0.11543 0.17 58 0.64234 0.37 1.80777 0.25 0.83861 0.82 1.92336 0.42 1.30509 0.53 0.11563 0.18 59 0.64256 0.88 1.80792 0.25 0.83860 0.83 1.92381 1.30541 0.11575														14
48       0.64011       0.87       1.80625       0.27       0.83317       0.82       T-92073       0.43       1.30160       0.53       0.11448       0.17         49       0.64038       0.88       1.80641       0.25       0.83866       0.82       T.92099       0.43       1.30192       0.52       0.11458       0.18         50       0.64056       0.87       T.80656       0.25       0.83415       0.83       T.92125       0.42       1.30223       0.53       0.11469       0.17         51       0.64078       0.87       T.80656       0.25       0.83465       0.82       T.92150       0.43       1.30225       0.53       0.11479       0.18         52       0.64100       0.38       1.80686       0.25       0.83514       0.83       T.92176       0.43       1.30287       0.52       0.11479       0.18         53       0.64123       0.37       T.80701       0.25       0.83514       0.83       T.92176       0.43       1.30287       0.52       0.11490       0.18         55       0.64123       0.37       T.80701       0.25       0.83661       0.82       T.92227       0.43       1.30382       0.52       0.11511														13
49							0.82	1.92073	0.43	1.30160	0.53		0.17	12
51       0.64078       0.87       1.80671       0.25       0.83465       0.82       1.92150       0.43       1.30255       0.53       0.11479       0.18         52       0.64100       0.38       1.80686       0.25       0.83514       0.83       1.92176       0.43       1.30287       0.52       0.11490       0.18         53       0.64123       0.37       1.80701       0.25       0.88564       0.82       1.92202       0.42       1.30318       0.53       0.11501       0.17         54       0.64145       0.37       1.80716       0.25       0.83613       0.82       1.92227       0.43       1.30382       0.53       0.11501       0.17         55       0.64167       0.38       1.80731       0.25       0.88662       0.83       1.92253       0.43       1.30382       0.52       0.11512       0.18         56       0.64190       0.37       1.80746       0.27       0.83712       0.82       1.92279       0.42       1.30413       0.53       0.11532       0.18         57       0.64212       0.37       1.807762       0.25       0.83761       0.83       1.92304       0.43       1.30445       0.53       0.11543 <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.88866</td> <td>0.82</td> <td>T-92099</td> <td>0.43</td> <td>1.30192</td> <td>0.52</td> <td>0.11458</td> <td>0.18</td> <td>11</td>						0.88866	0.82	T-92099	0.43	1.30192	0.52	0.11458	0.18	11
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	50	0.64056	0.87		0.25	0.83415								
53       0.64123       0.37       1.80701       0.25       0.83564       0.82       1.92202       0.42       1.30318       0.53       0.011501       0.17         54       0.64145       0.87       1.80716       0.25       0.83613       0.82       1.92227       0.43       1.30350       0.53       0.11511       0.18         55       0.64167       0.38       1.80731       0.25       0.83662       0.83       1.92253       0.43       1.30382       0.52       0.11522       0.17         56       0.64190       0.37       1.80746       0.27       0.83712       0.82       1.92279       0.42       1.30413       0.53       0.11532       0.18         57       0.64212       0.37       1.80762       0.25       0.83761       0.83       1.92304       0.43       1.30413       0.53       0.11543       0.17         58       0.64234       0.37       1.80777       0.25       0.83811       0.82       1.92330       0.43       1.30445       0.53       0.11543       0.17         59       0.64256       0.38       1.80792       0.25       0.83860       0.83       1.92356       0.42       1.30509       0.53       0.11564 <td></td> <td>0.64078</td> <td>0.87</td> <td>the same and the same and</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td>		0.64078	0.87	the same and the same and										9
54       0.64145       0.37       1.80716       0.25       0.83613       0.82       1.92227       0.43       1.30350       0.53       0.11511       0.18         55       0.64167       0.38       1.80781       0.25       0.83662       0.83       1.92253       0.43       1.30382       0.52       0.11522       0.17         56       0.64190       0.37       1.80746       0.27       0.83712       0.82       1.92279       0.42       1.30413       0.53       0.11532       0.18         57       0.64212       0.37       1.80762       0.25       0.83761       0.83       1.92304       0.43       1.30445       0.53       0.11543       0.17         58       0.64234       0.37       1.80777       0.25       0.83811       0.82       1.92330       0.43       1.30477       0.53       0.11553       0.18         59       0.64256       0.38       1.80792       0.25       0.83860       0.83       1.92386       0.42       1.30509       0.53       0.11553       0.18         60       0.64279       1.80807       0.83910       1.92381       1.30541       0.11575														
55 0.64167 0.38 T.80781 0.25 0.83662 0.83 T.92253 0.43 1.30382 0.52 0.11522 0.17 56 0.64190 0.37 T.80746 0.27 0.83712 0.82 T.92279 0.42 1.30413 0.53 0.11532 0.18 57 0.64212 0.87 T.80762 0.25 0.83761 0.83 T.92304 0.43 1.30445 0.53 0.11543 0.17 58 0.64234 0.87 T.80777 0.25 0.83811 0.82 T.92330 0.43 1.30445 0.53 0.11553 0.18 59 0.64256 0.88 T.80792 0.25 0.83860 0.83 T.92356 0.42 1.30477 0.53 0.11553 0.18 0.64279 T.80807 0.83810 T.92381 1.30541 0.11575														
56     0.64190     0.87     1.80746     0.27     0.83712     0.82     1.92279     0.42     1.30413     0.53     0.11532     0.18       57     0.64212     0.87     1.80762     0.25     0.83761     0.83     1.92304     0.43     1.30445     0.53     0.11543     0.17       58     0.64234     0.87     1.80777     0.25     0.83811     0.82     1.92330     0.43     1.30477     0.53     0.11553     0.18       59     0.64256     0.83     1.80792     0.25     0.83860     0.83     1.92356     0.42     1.30509     0.53     0.11564     0.18       60     0.64279     T.80807     0.83910     1.92381     1.30541     0.11575	1	1								1				1 1
57       0.64212       0.87       T.80762       0.25       0.83761       0.83       T.92304       0.43       1.80445       0.53       0.11543       0.17         58       0.64234       0.87       T.80777       0.25       0.83811       0.82       T.92330       0.43       1.30477       0.53       0.11553       0.18         59       0.64256       0.83       T.80792       0.25       0.83860       0.83       T.92356       0.42       1.30509       0.53       0.11564       0.18         60       0.64279       T.80807       0.83910       T.92381       1.30541       0.11575														
58       0.64234       0.87       1.80777       0.25       0.83811       0.82       1.92330       0.43       1.30477       0.53       0.11553       0.18         59       0.64256       0.88       1.80792       0.25       0.83860       0.83       1.92356       0.42       1.30509       0.53       0.11564       0.18         60       0.64279       T.80807       0.83910       T.92381       1.30541       0.11575														
59 0.64258 0.88 1.80792 0.25 0.83860 0.83 1.92356 0.42 1.30509 0.53 0.11564 0.18 60 0.64279 1.80807 0.83910 1.92381 1.30541 0.11575														2
60 0.64279 T.80807 0.88910 T.92381 1.30541 0.11575									0.42	1.30509	0.23	0.11564	0.18	1
7 1/ T - C+ D 1// C D 1// T - C D 1// T - C D 1//	•	1 .				1		Ī·92381		1.30541		0.11575		0
			T) 1//	MANAGEMENT AND AND AND AND AND AND AND AND AND AND	D. 1".	***************************************	D. 1"	Log Cot	D. 1"	Cosec.	D. 1".	Log Cosec	. D. 1"	
		Cos.	$D$ , $\Gamma$	Log Cos.										FO

6 0-04412 0-37 1-80912 0-25 0-84507 0-83 1-92561 0-43 1-30732 0-53 0-16439 0-9 0-64447 0-87 1-80912 0-25 0-84507 0-83 1-92561 0-43 1-30732 0-53 0-16609 0-9 0-64479 0-87 1-80912 0-25 0-84507 0-83 1-92563 0-43 1-30803 0-53 0-1670 0-9 11 0-64501 0-38 1-80972 0-25 0-84507 0-83 1-92563 0-43 1-30803 0-53 0-1681 0-12 0-64504 0-87 1-80972 0-25 0-84507 0-83 1-92563 0-43 1-30803 0-53 0-1681 0-12 0-64504 0-87 1-80972 0-25 0-84507 0-83 1-92563 0-43 1-30803 0-53 0-1692 0-12 0-64564 0-87 1-81017 0-25 0-84507 0-83 1-92563 0-43 1-30803 0-53 0-1672 0-12 0-64568 0-87 1-81017 0-25 0-84506 0-83 1-92740 0-43 1-30805 0-53 0-16724 0-12 0-64568 0-87 1-81047 0-23 0-84566 0-83 1-92740 0-43 1-30805 0-53 0-16724 0-12 0-64569 0-87 1-81047 0-23 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-23 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-23 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-23 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-25 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-25 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-25 0-84566 0-83 1-92740 0-43 1-30805 0-55 0-16724 0-12 0-64569 0-87 1-81047 0-25 0-84566 0-83 1-92847 0-43 1-30805 0-55 0-16724 0-12 0-12 0-12 0-12 0-12 0-12 0-12 0-12													LO	CD.
1 0-04391 0-37 1-80827 0-26 0-83960 0-82 1-92407 0-43 1-30573 0-53 0-11585 0-8 0-04346 0-37 1-80857 0-26 0-84090 0-83 1-92480 0-43 1-30663 0-53 0-11606 0-94 0-04365 0-37 1-80857 0-26 0-84108 0-83 1-92480 0-43 1-30663 0-53 0-11606 0-94 0-94480 0-83 1-80848 0-94 1-92480 0-83 1-92		Sinc.	D. 1".	. Log Sin	. D. 1".	Tun.	1). 1"	. Log Tar	. D. 1	". Sea.	D. 1'	'. Log Sec	. D.1	<b>"</b> .
1		0.6427	9 0.37	Ĩ-80807	0.25	0.83910	0.83	1.9238	0.4	3 1.3054	1 0.55	0.1157		
2   0-64828   0-88   1-80887   0-25   0-84409   0-83   1-92483   0-42   1-3005   0-52   0-11096   0-84   0-04368   0-87   1-80887   0-25   0-84408   0-83   1-92484   0-43   1-30668   0-53   0-11017   0-84   0-8												, ,		60
\$\begin{array}{cccccccccccccccccccccccccccccccccccc								1.92433	0.4	2:1-3060				
4   0.64366   0.37   1.80867   0.25   0.84108   0.83   1.92567   0.43   1.80668   0.53   0.11617   0.50   0.64412   0.83   1.80889   0.25   0.84158   0.83   1.92567   0.43   1.80729   0.53   0.11649   0.55   0.64477   0.37   1.80912   0.25   0.84367   0.83   1.92587   0.42   1.80729   0.53   0.11649   0.55   0.64479   0.37   1.80912   0.25   0.84367   0.83   1.92587   0.42   1.80729   0.53   0.11649   0.55   0.64479   0.37   1.80912   0.25   0.84367   0.83   1.92587   0.42   1.80829   0.53   0.11679   0.11   0.64524   0.37   1.80912   0.25   0.84457   0.83   1.92689   0.42   1.80849   0.53   0.11692   0.11   0.64524   0.37   1.80972   0.25   0.84457   0.83   1.92689   0.43   1.80923   0.53   0.11692   0.13   0.64688   0.37   1.80927   0.25   0.84457   0.83   1.92689   0.43   1.80923   0.53   0.11702   0.13   0.64688   0.37   1.81092   0.25   0.84457   0.83   1.92689   0.43   1.80923   0.53   0.11713   0.14   0.64529   0.37   1.81092   0.25   0.84457   0.83   1.92749   0.44   1.80989   0.55   0.11713   0.15   0.64667   0.37   1.81092   0.25   0.84458   0.83   1.92749   0.44   1.80989   0.55   0.11713   0.15   0.64667   0.37   1.81061   0.25   0.84766   0.83   1.92749   0.44   1.80989   0.55   0.11734   0.15   0.64677   0.37   1.81061   0.25   0.84766   0.83   1.92817   0.43   1.81086   0.55   0.11738   0.15   0.64761   0.37   1.81061   0.25   0.84766   0.83   1.92818   0.44   1.81119   0.53   0.11737   0.15   0.64761   0.37   1.81061   0.25   0.84856   0.83   1.92819   0.44   1.81119   0.53   0.11738   0.15   0.64761   0.37   1.81161   0.25   0.84966   0.83   1.92819   0.42   1.81161   0.53   0.11738   0.15   0.64761   0.37   1.81161   0.25   0.86966   0.83   1.92819   0.43   1.81181   0.53   0.11738   0.15   0.84966   0.83   1.92819   0.43   1.81181   0.53   0.11738   0.15   0.84966   0.83   1.92819   0.43   1.81181   0.53   0.11738   0.15   0.84966   0.83   1.92819   0.43   1.81181   0.53   0.11738   0.55   0.84966   0.83   1.92819   0.43   1.81181   0.53   0.11738   0.55   0.84966   0.83   1.92819   0.43										3 1.3063				
5														
6 0-64479 0-38 1-80897 0-25 0-84497 0-83 1-92565 0-43 1-30742 0-53 0-11638 0-7 0-64477 0-37 1-80942 0-25 0-84556 0-83 1-92567 0-42 1-30740 0-55 0-11660 0-9 0-84479 0-87 1-80942 0-25 0-84457 0-83 1-92567 0-42 1-30740 0-55 0-11670 0-1 10 0-64554 0-87 1-80957 0-25 0-84457 0-83 1-92567 0-43 1-30893 0-53 0-11670 0-1 11 0-64554 0-87 1-80972 0-25 0-84457 0-83 1-92563 0-43 1-30893 0-53 0-11670 0-1 12 0-64564 0-37 1-80972 0-25 0-84457 0-83 1-92563 0-43 1-30893 0-53 0-11692 0-1 13 0-64568 0-37 1-81092 0-25 0-84457 0-83 1-92563 0-43 1-30893 0-53 0-11713 0-1 14 0-64569 0-37 1-81092 0-25 0-84559 0-83 1-92740 0-43 1-30893 0-53 0-11713 0-1 15 0-64612 0-38 1-81092 0-25 0-84559 0-83 1-92740 0-43 1-30893 0-55 0-11713 0-1 15 0-64612 0-38 1-81092 0-25 0-84559 0-83 1-92740 0-43 1-30893 0-55 0-11714 0-1 15 0-64612 0-38 1-81092 0-25 0-84559 0-83 1-92740 0-43 1-30893 0-55 0-11714 0-1 15 0-64612 0-38 1-81092 0-25 0-84559 0-83 1-92740 0-43 1-30893 0-55 0-11714 0-1 15 0-64617 0-37 1-81091 0-25 0-84559 0-83 1-92740 0-43 1-30895 0-55 0-11714 0-1 17 0-	1	1				1				- 1				8   56
7						1						0.11628	3 0.17	7   55
8														
9												0-11649		3   53
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11	1	1				ļ				1		0.11670	0.18	3   51
11				1.80957	0.25						0.53	0.11681	0.18	3 50
12			0.37	1.80972								-0.11692		
13										1		0.11702	0.18	
13						1						0.11713		
16	14	0.04590	0.37	1.81017	0.25	0.84000	0.83	1.92740	0.45	1-3098t	0.55	0.11724		
16	15	0.64612	0.38	1.81032	0.25	0.84656	0.83	1 02766	0.43	1 1.31022	0.53	0.11784	0.19	-
17						0.84706	0.83							
18   0-4070   0-37   1-81091   0-25   0-84806   0-83   1-92868   0-42   1-31118   0-53   0-11776   0-12   0-4776   0-37   1-81091   0-25   0-84806   0-83   1-92868   0-43   1-31151   0-53   0-11778   0-12   0-4776   0-37   1-81136   0-25   0-84906   0-83   1-92890   0-42   1-31183   0-55   0-11778   0-12   0-4768   0-37   1-81156   0-25   0-85006   0-85   1-92990   0-42   1-31248   0-55   0-11778   0-12   0-4768   0-37   1-81166   0-25   0-85007   0-83   1-92971   0-42   1-31248   0-55   0-11803   0-12   0	117	0.04057	0.37	1.81061	0.25	0.84756	0.83	1.92817	0.43	1-31080				
10	18	0.64679				0.84806	0.83	1.92843	0.42	ł .				
20	119	0.64701				0.84890	0.83	1-92868	0.43					
12	20	1				0.84900	0.83			4				1
22														
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26	ŧ .	1		1.0						1				1
27   0-64878   0-38   1-81210   0-25   0-85257   0-85   1-93099   0-42   1-31443   0-55   0-11863   0-12874   0-12										1			0.17	
28													0.18	
29													0.18	
30    0-64945    0-37	4 -									1			0.18	
S1										-		0.11889	0.17	31
S2													0.18	30
83 0-65011 0-37 1-81209 0-25 0-85559 0-83 1-93227 0-42 1-31607 0-55 0-11928 0-1 34 0-65038 0-37 1-81328 0-25 0-85660 0-85 1-93252 0-43 1-31640 0-53 0-11939 0-1 35 0-65057 0-38 1-81328 0-25 0-85660 0-85 1-93252 0-42 1-31672 0-55 0-11949 0-1 36 0-65070 0-38 1-81343 0-25 0-85710 0-85 1-93303 0-42 1-31738 0-55 0-11949 0-1 38 0-65122 0-37 1-81358 0-23 0-85761 0-83 1-93254 0-43 1-31738 0-55 0-11949 0-1 38 0-65122 0-37 1-81357 0-25 0-85862 0-83 1-93354 0-43 1-31771 0-55 0-11982 0-1 39 0-65144 0-37 1-81387 0-25 0-85862 0-83 1-93354 0-43 1-31877 0-55 0-11982 0-1 40 0-65168 0-37 1-81402 0-25 0-85962 0-85 1-93496 0-42 1-31837 0-55 0-12004 0-1 41 0-65188 0-37 1-81446 0-23 0-85063 0-85 1-93497 0-42 1-31903 0-55 0-12015 0-1 42 0-65210 0-37 1-81446 0-25 0-86064 0-85 1-93497 0-42 1-31903 0-55 0-12015 0-1 43 0-65240 0-37 1-81446 0-23 0-86115 0-85 1-93497 0-42 1-31903 0-55 0-12036 0-1 44 0-65254 0-37 1-81446 0-23 0-86165 0-85 1-93492 0-43 1-31903 0-55 0-12036 0-1 45 0-65240 0-37 1-81446 0-23 0-86165 0-85 1-9359 0-42 1-31903 0-55 0-12036 0-1 46 0-65248 0-37 1-81490 0-25 0-86165 0-85 1-9359 0-42 1-31903 0-55 0-12036 0-1 47 0-65320 0-37 1-81450 0-25 0-86165 0-85 1-9359 0-42 1-32008 0-55 0-12058 0-1 48 0-65342 0-37 1-81549 0-25 0-86216 0-85 1-9359 0-42 1-32008 0-55 0-12059 0-1 49 0-65344 0-37 1-81554 0-25 0-86368 0-85 1-9366 0-43 1-32008 0-55 0-12069 0-1 49 0-65340 0-37 1-81554 0-25 0-86368 0-85 1-9366 0-43 1-32008 0-55 0-12036 0-1 49 0-65340 0-37 1-81569 0-23 0-86217 0-85 1-9366 0-43 1-32104 0-55 0-12102 0-11 50 0-65408 0-37 1-81560 0-23 0-86372 0-85 1-9368 0-42 1-32334 0-55 0-12103 0-11 51 0-65408 0-37 1-81606 0-23 0-86672 0-85 1-93780 0-42 1-32334 0-55 0-12103 0-11 55 0-65408 0-37 1-81606 0-23 0-86672 0-85 1-93780 0-42 1-32334 0-55 0-12103 0-11 55 0-65408 0-37 1-81606 0-25 0-86672 0-85 1-93780 0-42 1-32334 0-55 0-12134 0-11 55 0-65540 0-37 1-81661 0-23 0-86672 0-85 1-93840 0-43 1-32401 0-55 0-12136 0-11 55 0-65540 0-37 1-81666 0-25 0-86672 0-85 1-93860 0-43 1-32401 0-55 0-121180 0-11 50 0-65606 1-81694 0-37 1-81660 0-25 0-86776 0													0.18	29
34         0-05038         0-37         1-81314         0-23         0-85600         0-85         1-93252         0-43         1-31640         0-83         0-11939         0-1           35         0-05085         0-37         1-81328         0-25         0-85600         0-83         1-93278         0-42         1-31672         0-55         0-55         0-11949         0-1           36         0-05077         0-38         1-81584         0-25         0-85710         0-85         1-93303         0-42         1-31735         0-55         0-11971         0-1           38         0-65122         0-37         1-81387         0-25         0-85862         0-83         1-93380         0-43         1-31804         0-55         0-11971         0-1           39         0-65144         0-37         1-81487         0-25         0-85862         0-83         1-93406         0-43         1-31804         0-55         0-11982         0-1           40         0-65166         0-37         1-81431         0-25         0-85912         0-85         1-93406         0-42         1-31807         0-55         0-12004         0-1           41         0-65226         0-37         1-81431												-0.11917	0.18	28
35         0.05055         0.37         1.81328         0.25         0.85660         0.88         1.93278         0.42         1.31672         0.55         0.11949         0.1           36         0.65077         0.38         1.81343         0.25         0.85710         0.85         1.93303         0.43         1.31705         0.55         0.11940         0.1           37         0.65100         0.37         1.81858         0.23         0.85761         0.83         1.93303         0.42         1.31738         0.55         0.11942         0.1           40         0.65144         0.37         1.81877         0.25         0.85812         0.85         1.93380         0.43         1.31804         0.55         0.11982         0.1           40         0.65144         0.37         1.81417         0.23         0.85862         0.85         1.93431         0.43         1.31807         0.55         0.12036         0.1           41         0.65188         0.37         1.81417         0.23         0.86063         0.85         1.93431         0.43         1.31807         0.55         0.12036         0.1           42         0.65216         0.37         1.81446         0.25													0.18	
\$6	104	i	0.37	1.81314	0.58	0.ผลของ	0.85	193352	0.43	1-31640	0.53	0 11939	0.17	26
87         0.05100         0.37         1.81358         0.23         0.85761         0.83         1.93329         0.42         1.31738         0.55         0.11971         0.1           39         0.65122         0.37         1.81372         0.25         0.85862         0.83         1.93380         0.43         1.31771         0.55         0.11982         0.1           40         0.65166         0.37         1.81407         0.25         0.85963         0.85         1.93431         0.43         1.31870         0.55         0.12004         0.1           41         0.65188         0.37         1.81417         0.23         0.85963         0.85         1.93431         0.43         1.31870         0.55         0.12004         0.1           42         0.65210         0.37         1.81446         0.25         0.86044         0.85         1.93482         0.43         1.31936         0.55         0.12035         0.1           43         0.65276         0.37         1.81475         0.25         0.86166         0.83         1.93533         0.43         1.32002         0.55         0.12035         0.1           45         0.65276         0.37         1.81405         0.25					0.25	0.85660	0.83	1.03278	0.42	1-31672	0.55	0-11949	0.18	25
88									0.43	[1 31705	0.55	0.11960	0.18	24
39       0.65144       0.37       1.81387       0.25       0.85862       0.83       1.93380       0.43       1.31804       0.55       0.11993       0.1         40       0.65166       0.37       1.81402       0.25       0.85912       0.85       1.93406       0.42       1.31837       0.55       0.12004       0.1         41       0.65188       0.37       1.81441       0.23       0.85963       0.85       1.93431       0.43       1.31837       0.55       0.12015       0.1         42       0.65210       0.37       1.81446       0.25       0.86064       0.85       1.93482       0.43       1.31936       0.55       0.12036       0.1         44       0.65254       0.37       1.81466       0.23       0.86166       0.83       1.93533       0.43       1.32002       0.55       0.12047       0.1         45       0.65298       0.37       1.81490       0.25       0.86166       0.83       1.93533       0.43       1.32002       0.55       0.12047       0.1         47       0.65298       0.37       1.81490       0.25       0.86216       0.83       1.93533       0.43       1.32002       0.55       0.12047								1-03250	0.43	1 31738	បងគ	0.11971	0.18	
40 0-65166 0-87 1-81402 0-25 0-85912 0-85 1-93406 0-42 1-31837 0-55 0-12004 0-1 41 0-65188 0-37 1-81417 0-23 0-85963 0-85 1-93431 0-43 1-31837 0-55 0-12015 0-1 42 0-65210 0-37 1-81431 0-25 0-86014 0-83 1-93457 0-42 1-31803 0-55 0-12025 0-1 43 0-65232 0-37 1-81446 0-25 0-86014 0-85 1-93482 0-43 1-31805 0-55 0-12036 0-1 44 0-65254 0-37 1-81446 0-25 0-86166 0-85 1-93482 0-43 1-31809 0-50 0-12047 0-6 45 0-65276 0-37 1-81475 0-25 0-86166 0-85 1-93533 0-43 1-32002 0-55 0-12058 0-1 46 0-6528 0-37 1-81400 0-25 0-86166 0-85 1-93559 0-42 1-32003 0-55 0-12058 0-1 47 0-65320 0-37 1-81505 0-23 0-86216 0-85 1-93559 0-42 1-32068 0-55 0-12069 0-1 48 0-65342 0-37 1-81504 0-25 0-86318 0-83 1-93610 0-43 1-32108 0-55 0-12080 0-1 49 0-65364 0-37 1-81534 0-25 0-86318 0-83 1-93610 0-43 1-32104 0-57 0-12102 0-1 50 0-65386 0-37 1-81534 0-25 0-86368 0-85 1-93636 0-42 1-32134 0-57 0-12102 0-1 50 0-65408 0-37 1-81549 0-23 0-86419 0-85 1-93661 0-43 1-32168 0-55 0-12132 0-1 51 0-65408 0-37 1-81599 0-25 0-86470 0-85 1-93712 0-43 1-32267 0-55 0-12134 0-1 53 0-65408 0-37 1-81592 0-25 0-86572 0-85 1-93712 0-43 1-32267 0-57 0-12145 0-1 54 0-65474 0-37 1-81592 0-25 0-86623 0-85 1-93789 0-42 1-32334 0-55 0-12134 0-1 55 0-65496 0-37 1-81596 0-25 0-86623 0-85 1-93789 0-42 1-32334 0-55 0-12145 0-1 56 0-65518 0-37 1-81696 0-25 0-86672 0-85 1-93814 0-43 1-32301 0-55 0-12178 0-1 57 0-65640 0-37 1-81695 0-25 0-86674 0-85 1-93840 0-42 1-32301 0-55 0-12178 0-1 57 0-65540 0-37 1-81695 0-25 0-86674 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 58 0-65518 0-37 1-81696 0-25 0-86672 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 58 0-65540 0-37 1-81695 0-25 0-86672 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 59 0-65640 0-37 1-81695 0-25 0-86672 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 59 0-65640 0-37 1-81695 0-25 0-86672 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 59 0-65640 0-37 1-81695 0-25 0-86878 0-85 1-93840 0-42 1-32301 0-55 0-12189 0-1 59 0-65660 1-81694 0-86878 0-85 1-93891 0-42 1-32301 0-55 0-12189 0-1 50 0-65666 1-81694 0-86 1-936891 0-42 1-32501 0-55 0-1218									0.43	1 31771	0.55	0-11982	0.18	22
41 0-65188 0-37 1-81417 0-23 0-85963 0-85 1-93431 0-43 1-81870 0-55 0-12045 0-1 42 0-65210 0-37 1-81431 0-25 0-86044 0-83 1-93457 0-42 1-31903 0-55 0-12035 0-1 43 0-65254 0-37 1-81446 0-25 0-86046 0-85 1-93482 0-13 1-81936 0-55 0-12036 0-1 44 0-65254 0-37 1-81446 0-25 0-86166 0-85 1-93508 0-42 1-31909 0-55 0-12047 0-1 45 0-65276 0-37 1-81475 0-25 0-86166 0-85 1-93533 0-43 1-82002 0-55 0-12047 0-1 46 0-65298 0-37 1-81490 0-25 0-86216 0-85 1-93539 0-42 1-32002 0-55 0-12069 0-1 47 0-65320 0-37 1-81505 0-28 0-86216 0-85 1-93549 0-42 1-32068 0-55 0-12080 0-1 48 0-65342 0-37 1-815019 0-25 0-86318 0-83 1-93610 0-43 1-32068 0-55 0-12080 0-1 49 0-65364 0-37 1-81534 0-25 0-86368 0-85 1-93636 0-42 1-32134 0-57 0-12102 0-1 50 0-65386 0-37 1-81539 0-23 0-86419 0-85 1-93636 0-42 1-32134 0-57 0-12102 0-1 51 0-65408 0-37 1-81578 0-23 0-86547 0-85 1-93573 0-42 1-32267 0-55 0-12132 0-14 53 0-65452 0-37 1-81592 0-25 0-86572 0-85 1-93713 0-43 1-32267 0-55 0-12134 0-15 53 0-65408 0-37 1-81592 0-25 0-86623 0-85 1-93763 0-43 1-32301 0-55 0-12134 0-15 54 0-65474 0-37 1-81592 0-25 0-86672 0-85 1-93763 0-43 1-32301 0-55 0-12156 0-11 55 0-65496 0-37 1-81595 0-25 0-86672 0-85 1-93763 0-43 1-32301 0-55 0-12156 0-11 55 0-65496 0-37 1-81595 0-25 0-86672 0-85 1-93814 0-43 1-32308 0-55 0-12178 0-15 57 0-65540 0-37 1-81636 0-25 0-86672 0-85 1-93814 0-43 1-32308 0-55 0-12178 0-15 57 0-65540 0-37 1-81636 0-25 0-86672 0-85 1-93814 0-43 1-32308 0-55 0-12178 0-15 58 0-65540 0-37 1-81636 0-25 0-86827 0-85 1-93840 0-42 1-32341 0-55 0-12189 0-15 59 0-65584 0-37 1-81636 0-25 0-86827 0-85 1-93840 0-42 1-32341 0-55 0-12189 0-15 59 0-65584 0-37 1-81636 0-25 0-86827 0-85 1-93841 0-43 1-32301 0-55 0-12189 0-15 50 0-65606 1-81694 0-89 1-88691 0-42 1-32361 0-55 0-12189 0-15 50 0-65606 1-81694 0-89 1-88691 0-42 1-32361 0-55 0-12189 0-15 50 0-65606 1-81694 0-89 1-88691 0-42 1-32361 0-55 0-12221 0-15	188	0.09144	0.37	1.81387	0.36	0.85862	0.83	1-93380	0.43	FUNIET	ពិតិតិ	0.11993	0.18	21
41	40	0.05100	0.37	1.81402	0.25	0.85912	0.85	1.93406	0143	1 31837	0.55	0.12004	0.18	20
42       0.65210       0.37       1.81431       0.25       0.86014       0.83       1.93457       0.42       1.31903       0.55       0.56       0.12025       0.1         43       0.65232       0.37       1.81446       0.25       0.86044       0.85       1.93482       0.43       1.31936       0.56       0.12036       0.1         44       0.65254       0.37       1.81461       0.23       0.86166       0.83       1.93533       0.43       1.32002       0.56       0.12047       0.1         45       0.65276       0.37       1.81475       0.25       0.86166       0.83       1.93533       0.43       1.32002       0.56       0.12058       0.1         47       0.65298       0.37       1.81505       0.25       0.86216       0.83       1.93549       0.42       1.32003       0.55       0.12069       0.1         47       0.65320       0.37       1.81505       0.25       0.86318       0.83       1.93610       0.43       1.32101       0.55       0.12080       0.1         49       0.65342       0.37       1.81534       0.25       0.86318       0.83       1.93610       0.43       1.32101       0.55 <t< td=""><td></td><td></td><td>0.87</td><td></td><td>0.23</td><td>0.85963</td><td>0.85</td><td>1-93431</td><td>0.43</td><td>1.31870</td><td>a.b.b</td><td></td><td>0.17</td><td>19</td></t<>			0.87		0.23	0.85963	0.85	1-93431	0.43	1.31870	a.b.b		0.17	19
44 0-65254 0-37 1-81446 0-25 0-86064 0-85 1-93482 0-43 1-31936 0-55 0-12036 0-1 44 0-65254 0-37 1-81461 0-23 0-86115 0-85 1-9353 0-43 1-32002 0-55 0-12047 0-5 45 0-65276 0-37 1-81475 0-25 0-86166 0-83 1-9353 0-43 1-32002 0-55 0-12058 0-1 46 0-65298 0-37 1-81490 0-25 0-86216 0-85 1-93549 0-42 1-32035 0-55 0-12059 0-1 47 0-65320 0-37 1-81505 0-23 0-86217 0-85 1-93549 0-42 1-32035 0-55 0-12059 0-1 48 0-65342 0-37 1-81519 0-25 0-86318 0-83 1-93540 0-43 1-32101 0-55 0-12091 0-1 49 0-65344 0-37 1-81534 0-25 0-86368 0-85 1-93536 0-42 1-32134 0-57 0-12102 0-1 50 0-65386 0-37 1-81534 0-25 0-86368 0-85 1-93636 0-42 1-32134 0-57 0-12102 0-1 50 0-65386 0-37 1-81569 0-23 0-86419 0-85 1-93661 0-43 1-32168 0-55 0-12134 0-1 51 0-65408 0-37 1-81569 0-25 0-86470 0-85 1-93661 0-43 1-32268 0-55 0-12134 0-1 53 0-65408 0-37 1-81599 0-25 0-86521 0-85 1-93587 0-42 1-32201 0-55 0-12134 0-1 54 0-65474 0-37 1-81592 0-25 0-86572 0-85 1-93589 0-42 1-32237 0-57 0-12145 0-1 55 0-65496 0-37 1-81592 0-25 0-86623 0-85 1-93788 0-42 1-32361 0-55 0-12156 0-1 55 0-65496 0-37 1-81696 0-25 0-86672 0-85 1-93814 0-43 1-32368 0-55 0-12167 0-1 56 0-65518 0-37 1-81636 0-25 0-86674 0-85 1-93840 0-42 1-32301 0-55 0-12167 0-1 56 0-65540 0-37 1-81636 0-25 0-86672 0-85 1-93840 0-42 1-32401 0-55 0-12167 0-1 56 0-65540 0-37 1-81636 0-25 0-86672 0-85 1-93840 0-42 1-32401 0-55 0-12167 0-1 57 0-65540 0-37 1-81636 0-25 0-86672 0-85 1-93840 0-42 1-32401 0-55 0-12167 0-1 58 0-65540 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 57 0-65540 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 58 0-65540 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 57 0-65540 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 58 0-65540 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 59 0-65584 0-37 1-81636 0-25 0-86872 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 59 0-65584 0-37 1-81636 0-25 0-86878 0-85 1-93840 0-42 1-32401 0-55 0-12169 0-1 59 0-65584 0-37 1-81636 0-25 0-86878 0-85 1-9384								1.93457					0.18	18
44 0-65254 0-37 1-81461 0-23 0-86116 0-85 1-93508 0-42 1-31909 0-55 0-12047 0-12048 0-65276 0-37 1-81475 0-25 0-86166 0-83 1-93533 0-43 1-92002 0-55 0-12058 0									0.43	1 31936	0.55		0.18	17
45 0-05276 0-37 1-81475 0-25 0-86166 0-83 1-93533 0-43 1-82002 0-55 0-12058 0-12 0-65 0-65298 0-37 1-81490 0-25 0-86216 0-85 1-93549 0-42 1-82035 0-55 0-12069 0-12 0-65320 0-87 1-81505 0-23 0-86267 0-85 1-93544 0-13 1-82068 0-55 0-12080 0-12 0-12 0-12 0-12 0-12 0-12 0-12 0-1	44	0.65254	0.37	1.81401	0.23	0.80115	0.85	1-03508	0.42	1 3 1 9 6 9	ម តិធំ		0.18	16
46 0-05298 0-37 1-81490 0-25 0-86216 0-85 1-93584 0-12 1 32035 0-55 0 12069 0-12 1 0-55 0 12069 0-12 1 0-55 0 12069 0-12 1 0-12	45	0.65276	0.37	1.81475	0.25	0.86166	0.83	1-93533	0.43	1-82002	្រ ក្ន	0.12058	0.18	15
47 0.05320 0.87 1.81505 0.28 0.86267 0.85 1.93584 0.43 1.3268 0.55 0.12080 0.1	46												0.18	14
48 0.65342 0.87 1.81519 0.25 0.86318 0.83 1.93610 0.43 1.32101 0.55 0.12091 0.12 0.0 0.65304 0.87 1.81534 0.25 0.86368 0.85 1.93636 0.42 1.32134 0.57 0.12102 0.12 0.0 0.65386 0.87 1.81549 0.23 0.86419 0.85 1.93661 0.43 1.32168 0.55 0.12113 0.12 0.0 0.65408 0.37 1.81563 0.25 0.86521 0.85 1.93732 0.42 1.32201 0.55 0.12123 0.14 0.50 0.65408 0.37 1.81578 0.23 0.86521 0.85 1.93732 0.43 1.32201 0.55 0.12134 0.12 0.50 0.65452 0.37 1.81592 0.25 0.86572 0.85 1.93733 0.43 1.32201 0.55 0.12134 0.12 0.55 0.65452 0.37 1.81592 0.25 0.86623 0.85 1.93763 0.43 1.32301 0.55 0.12135 0.12 0.55 0.65450 0.37 1.81592 0.25 0.86623 0.85 1.93763 0.43 1.32301 0.55 0.12135 0.12 0.55 0.65540 0.37 1.81636 0.25 0.86674 0.85 1.93789 0.42 1.32334 0.57 0.12145 0.12 0.65 0.65518 0.37 1.81636 0.25 0.86674 0.85 1.93814 0.43 1.32308 0.55 0.12178 0.12 0.65 0.65540 0.37 1.81635 0.25 0.86725 0.85 1.93840 0.42 1.32308 0.55 0.12189 0.12 0.65 0.65540 0.37 1.81655 0.23 0.86776 0.85 1.93840 0.42 1.32401 0.55 0.12189 0.12 0.65 0.65540 0.37 1.81655 0.25 0.86827 0.85 1.93840 0.42 1.32401 0.55 0.12189 0.12 0.65 0.65584 0.37 1.81636 0.23 0.86878 0.85 1.93891 0.42 1.32401 0.55 0.12189 0.12 0.65 0.65584 0.37 1.81636 0.23 0.86878 0.85 1.93891 0.42 1.32401 0.55 0.12189 0.12 0.65 0.65584 0.37 1.81636 0.23 0.86878 0.85 1.93891 0.42 1.32408 0.55 0.12211 0.12 0.12 0.12 0.12 0.12 0.12 0	47	0.65320								1			0.18	13
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				T-81519									0.18	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	49	0.05304	0.37	T-81534		0.86868	0.85	1.03636		i			0.18	
51         0-65408         0-37         1-81503         0-25         0-86470         0-85         1-93087         0-42         1-93201         0-55         0-12128         0-13         0-12128         0-13         0-12128         0-13         0-12128         0-13         0-12128         0-13	50	0.65386	0.37	ar a	0.23	0.86419	0.85			ī				
52       0.65430       0.37       1.81578       0.23       0.86521       0.85       1.93712       0.43       1.32934       0.55       0.12134       0.11         53       0.65452       0.37       1.81592       0.25       0.86572       0.85       1.93738       0.42       1.32367       0.57       0.12145       0.12         54       0.65474       0.37       T.81607       0.25       0.86628       0.85       1.93763       0.43       1.32361       0.55       0.12156       0.12         55       0.65496       0.37       T.81636       0.25       0.86774       0.85       1.93789       0.42       1.32334       0.57       0.12167       0.12         50       0.65518       0.37       T.81636       0.25       0.86725       0.85       1.93814       0.43       1.32368       0.55       0.12178       0.12         57       0.65540       0.37       T.81651       0.23       0.86776       0.85       1.93840       0.42       1.32401       0.55       0.12189       0.12         58       0.65562       0.37       T.81685       0.25       0.86827       0.85       1.93891       0.42       1.32468       0.55       0.12210	51													9
58         0-65452         0-87         1-81592         0-25         0-86572         0-85         1-93788         0-42         1-32367         0-37         0-12145         0-12<	52													
54         0-65474         0-37         T-81607         0-25         0-86628         0-85         1-93763         0-43         1-32301         0-55         0-12156         0-11         0-1256         0-1257	53			1.81592										7
55         0.65496         0.37         T.81622         0.23         0.86674         0.85         1.93789         0.42         1.32334         0.57         0.12167         0.15         0.65518         0.37         T.81636         0.25         0.86725         0.85         T.93814         0.43         1.32368         0.55         0.12178         0.12         0.75	54			T-81607										6
56     0.65518     0.97     T.81696     0.25     0.86725     0.85     T.93814     0.43     1.32368     0.55     0.12178     0.1278       57     0.65540     0.37     T.81651     0.28     0.86776     0.85     T.93840     0.42     1.32401     0.55     0.12189     0.12       58     0.05562     0.37     T.81695     0.25     0.86827     0.85     T.93865     0.43     1.32434     0.57     0.12189     0.12       59     0.65584     0.37     T.81680     0.29     0.86878     0.85     T.93891     0.42     1.32408     0.55     0.12211     0.12       60     0.65606     T.81694     0.86929     T.83916     1.32501     0.12222	55	0.65496	0.37		- 1									1 .
57         0.65540         0.37         1.81651         0.23         0.86776         0.85         1.03840         0.42         1.32401         0.55         0.12189         0.13<														5
58 0.05562 0.37 1.81005 0.25 0.86827 0.85 1.93805 0.43 1.82434 0.57 0.19200 0.15 0.65584 0.37 1.81680 0.23 0.86878 0.85 1.93891 0.42 1.82468 0.55 0.19211 0.15 0.065606 1.81694 0.86929 1.93916 1.92501 0.19222														3
59 0-65584 0-97 1-81680 0-23 0-86878 0-85 1-93891 0-42 1-32468 0-55 0-12211 0-13 0-65606 1-81694 0-86929 1-93916 1-32501 0-12222														3
60 0.65606 T.81694 0.86929 T.93916 1.32501 0.12222	59	0.05584												1
The state of the s	60	0.65606			- 1				~ ##		20 2767		T- 417	1 . 1
[ ] Cos. D. I". Log Cos. D. I". Cot. D. I". Log Cot. D. I''. Com. T. I'' Com. T. I''.	and the same of th	series a proposition of the series		Marinary - a - i meksakasi	ethereten, entratere	.ya	agram transport	to reach the property	en e a se a s	a record	- wadensels	0.15577	1 80-17 - 17 -	0
77. 1 . 1. 1 . 1. 1 . 1. 1. 1. 1. 1. 1. 1.		Cos.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D, 1".	Cosee,	D. 1".	Log Cosec.	D. 1".	,

# ONOMETRICAL FUNCTIONS & THEIR LOGS. 41°

١.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
506	0.37	1.81694	0.25	0.86929	0.85	1.93916	0.43	1.32501	0.57	0.12222	0.10	60
128	0.37	1.81709	0.23	0.86980	0.85	1.93942	0.42	1.32535	0.55	0.12232	0·18 0·18	60 59
650	0.37	1.81723	0.25	0.87031	0.85	1.93967	0.43	1.32568	0.57	0.12244	0.18	58
572	0.37	1.81738	0.23	0.87082	0.85	1.93993	0.42	1.32602	0.57	0.12255	0.18	57
394	0.37	1.81752	0.25	0.87133	0.85	1.94018	0.43	1.32636	0.55	0.12266	0.18	56
110	0.37	1.81767	0.23	0.87184	0.87	1.94044	0.42	1.32669	0.57	0.12277	0.18	55
738	0.35	1.81781	0.25	0.87236	0.85	1.94069	0.43	1.32703	0.57	0.12288	0.18	54
759	0.37	1.81796	0.23	0.87287	0.85	1.94095	0.42	1.32737	0.55	0.12299	0.18	53
81	0.37	1.81810	0.25	0.87338	0.85	1.94120	0.43	1.32770	0.57	0.12310	0.18	52
803	0.37	1.81825	0.23	0.87389	0.87	1.94146	0.42	1.32804	0.57	0.12321	0.18	51
125	0.37	1.81839	0.25	0.87441	0.85	1.94171	0.43	1.32838	0.57	0.12332	0.18	50
847	0.37	1.81854	0.23	0.87492	0.85	1.94197	0.42	1.32872	0.55	0.12343	0.18	49
809	0.37	1.81868	0.23	0.87543	0.87	1.94222	0.43	1.32905	0.57	0.12354	0.18	48
391	0.37	1.81882	0.25	0.87595	0.85	1.94248	0.42	1.32939	0.57	0.12365	0.18	47
113	0.37	1.81897	0.23	0.87646	0.87	1.94273	0.43	1.32973	0.57	0.12376	0.18	46
35	0.35	1.81911	0.25	0.87698	0.85	1.94299	0.42	1.33007	0.57	0.12387	0.20	45
156	0.37	1.81926	0.23	0.87749	0.87	1.94324	0.43	1.33041	0.57	0.12399	0.18	44
78	0.37	1.81940	0.25	0.87801	0.85	1.94350	0.42	1.33075	0.57	0.12410	0.18	43
000	0.37	1.81955	0.23	0.87852	0.87	1.94375	0.43	1.33109	0.57	0.12421	0.18	42
122	0.37	1.81969	0.23	0.87904	0.85	1.94401	0.42	1.33143	0.57	0.12432	0.18	41
) · Ł · Ł	0.37	1.81083	0.25	0.87955	0.87	1.94426	0.43	1.33177	0.57	0.12443	0.18	40
000	0.37	1.81998	0.23	0.88007	0.87	1.94452	0.42	1.33211	0.57	0.12454	0.18	39
188	0.35	1.82012	0.23	0.88000	0.85	1.94477	0.43	1.33245	0.57	0.12465	0.18	38
09	0.37	1.82026	0.25	0.88110	0.87	1.94503	0.42	1.33279	0.58	0.12476	0.18	37
131	0.37	1.82041	0.23	0.88162	0.87	1.94528	0.43	1.33314	0.57	0.12487	0.20	36
63	0.37	1.82055	0.23	0.88214	0.85	1.94554	0.42	1.33348	0.57	0.12499	0.18	35
75	0.37	1.82009	0.25	0.88265	0.87	1.94579	0.42	1.33382	0.57	0.12510	0.18	34
97	0.35	1.82084	0.23	0.88317	0.87	1.94604	0.43	1.33416	0.58	0.12521	0.18	33
218	0.37	1.82098	0.23	0.88369 0.88421	0.87	1.94630 1.94655	0·42 0·43	1.33451	0.57	0.12532	0.18	32
240	0.37	1.82112	0.23		0.87			1.33485	0.57	0.12543	0.18	31
262	0.37	1.82126	0.25	0.88473	0.85	1.94681	0.42	1.33519	0.58	0.12554	0.20	30
184	0.37	1.82111	0.23	0.88524	0.87	1.94706 1.94732	0.43	1.33554	0.57	0.12566	0.18	29
806	0.35	1.82165 1.82169	0.23 0.25	0.88576	0·87 0·87	1.94757	$0.42 \\ 0.43$	1.33588 1.33622	0·57 0·58	0.12577 $0.12588$	0.18 $0.18$	$\begin{array}{c} 28 \\ 27 \end{array}$
827 849	$0.37 \\ 0.37$	1.82184	0.23	0.88680	0.87	1.94783	0.42	1.33657	0.57	0.12599	0.18	$\frac{2}{26}$
								ĺ			- 1	
371	0.37	1.82198 1.82212	0.23	0.88732 0.88784	0·87 0·87	1.94808 $1.94834$	$0.43 \\ 0.42$	$1.33691 \\ 1.33726$	0·58 0·57	$0.12610 \\ 0.12622$	0·20 0·18	$\begin{array}{c} 25 \\ 24 \end{array}$
893 114	0.35 0.37	1.82226	0.23 0.23	0.88836	0.87	1.04859	0.42	1.33760	0.58	0.12633	0.18	23
36	0.37	1.82240	0.25	0.88888	0.87	1.94884	0.43	1.33795	0.58	0.12644	0.18	22
58	0.37	1.82255	0.28	0.88940	0.87	1.94910	0.42	1.33830	0.57	0.12655	0.18	$\overline{21}$
180	0.35	1.82269	0.28	0.88992	0.88	1.04935	0.43	1.33864	0.58	0.12666	0.20	20
001	0.37	1.82283	0.23	0.89045	0.87	1.94961	0.42	1.33899	0.58	0.12678	0.18	19
23	0.37	1.82297	0.23	0.89097	0.87	T.94986	0.43	1.33934	0.57	0.12689	0.18	18
45	0.35	1.82811	0.25	0.89149	0.87	1.95012	0.42	1.33968	0.58	0.12700	0.20	17
666	0.37	1.82326	0.23	0.89201	0.87	1.95037	0.42	1.34003	0.58	0.12712	0.18	16
88	0.37	1.82340	0.23	0.89253	0.88	1.95062	0.43	1.34038	0.58	0.12723	0.18	15
10	0.37	1.82354	0.23	0.89306	0.87	1.95088	0.42	1.34073	0.58	0.12734	0.18	14
32	0.35	1.82368	0.23	0.89858	0.87	1.95113	0.43	1.34108	0.57	0.12745	0.20	13
88	0.37	1.82382	0.23	0.89410	0.88	1.95139	0.42	1.34142	0.58	0.12757	0.18	12
75	0.37	1.82396	0.23	0.89403	0.87	1.95164	0.48	1.34177	0.58	0.12768	0.18	11
97	0.85	1.82410	0.23	0.89515	0.87	1.95190	0.42	1.34212	0.58	0.12779	0.20	10
18	0.37	1.82424	0.25	0.89567	0.88	1.95215	0.42	1.34247	0.58	0.12791	0.18	9
40	0.37	1.82439	0.28	0.89620	0.87	1.95240	0.43	1.34282	0.58	0.12802	0.18	8
62	0.35	1.82453	0.23	0.89672	0.88	1.95266	0.42	1.34317	0·58 0·58	0.12813	0.18	7
83	0.37	1.82407	0.23	0.89725	0.87	1.95291	0.43	1.34352		0.12825	0.18	6
105	0.37	1.82481	0.28	0.89777	0.88	1.95317	0.42	1.34387	0.60	0.12836	0.18	5
27	0.35	1.82495	0.23	0.89830	0.88	1.95342	0.43	1.34423	0·58 0·58	0.12847 0.12859	0·20 0·18	3
148	0.87	1.82509	0.28	0.89883	0.87	1.95368	0.42	1.34458 1.34493	0.58	0.12870	0.18	2
870	0.85	1.82523	0.28	0.89935	0.88	1.95393 1.95418	0·42 0·43	1.34528	0.58	0.12881	0.20	1
891	0.37	1.82537	0.28	0.89988	0.87		0.49				- <b>-</b> -	
13	errangagraphical areas	1.82551	ang triping payments in co-	0.90040		T-95444		1.34568		0.12893		0
ι.	D. 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec.	D.1".	,

42°	IRI	GOI	4 O INTE	717	LUZIL		TACT					LUGS
1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Seo.	D. 1".	Log Sec.	D. 1",
0	0.66913	0.37	1.82551	0.23	0.90040	0.88	1.95444	0.42	1.34563	0.60	0.12893	0.18 60
Ĭĭ	0.66935	0.35	1.82565	0.23	0.90093	0.88	1.95469	0.43	1-34599	0.58	0.12904	0.18 59
2	0.66956	0.37	1.82579	0.23	0.90146	0.88	1.95495	0.42	1.34634 1.34669	0.58 0.58	0.12015	0.20 58
8	0.66978	0.35	1.82593	0.23	0.90199	0.87	1.95520	0.42	1.34704	0.80	0·12927 0·12938	0.18 57
4	0.66999	0.37	1.82607	0.23	0.90251	0.88	1.95545					0.20 56
5	0.67021	0.37	1.82621	0.23	0.90304	0.88	1.95571	0.42	1.34740	0-68 0-60	0.12950	0.18 55
6	0.67043	0.35	1.82635	0.23	0.90357	0.88 0.88	1-95596 1-95622	0.43	1-34811	0.58	$0.12961 \\ 0.12972$	0.18 54
7	0.67064	0.37	1.82649	0.23	0.90410 0.90463	0.88	1.95647	0.12	1.84846	0.60	0-12984	$\begin{array}{c c} 0.20 & 53 \\ 0.18 & 52 \end{array}$
8	0.67086	0.85	1.82663 1.82677	0·23 0·23	0.90516	0.88	1.95672	0.43	1.84882	0.58	0.12995	0.20 51
9	0.67107	0.37			0.90569	0.87	1-95698	0.42	1-34917	0.60	0.13007	0.18 50
10	0.67129	0.37	1.82691	$0.23 \\ 0.23$	0.90621	0.88	1.95723	0.42	1-84958	0.58	0.13018	0.20 40
11	0.67151	0·35 0·37	1.82705 $1.82710$	0.23	0.90674	0.88	1.95748	0.43	1.34988	0.60	0.13030	0.18 48
12 13	0.07194	0.35	1.82733	0.23	0.90727	0.90	1.95774	0.43	1-35024	0.60	0.13041	0.20 47
14	0.67215	0.37	1.82747	0.23	0.90781	0.88	1.95799	0.43	1.35060	ប់ងំន	0.13053	0.18 46
15	0.67237	0.35	1.82761	0.23	0.00834	88.0	C95825	0.42	1.35095	មាចម	0.13064	0.20 45
16	0.67258	0.37	1.82775	0.22	0.90887	0.88	1.05850	0.42	1-35131	0.60	0.13076	0.18 44
17	0.67280	0.35	1.82788	0.23	0.90940	0.88	1.06875	0.43	1.35167	0:60	0.13087	0.18 43
18	0.67301	0.37	1.82802	0.23	0.90993	88.0	1.95901 1.95926	0.43	1-35203 1-35238	86∙0 00 0	0-13098 0-13110	$0.20 \mid 42 \\ 0.18 \mid 41$
19	0.67323	0.35	1.82816	0.23	0.91046	0.88				0.60		
20	0.67344	0.37	1.82830	0.23	0.91099	0.90 0.88	f-95952 f-95977	0.42	1-85274	0.60	0-13121 0-13133	$0.20 \mid 40 \ 0.20 \mid 89$
21	0.67366	0.35	1.82844	0.23	0.91153	0.88	1.96002	0.43	1 35346	0.60	0.13145	0.18 88
22	0.67387	0.87 0.85	1.82858 1.82872	0·23 0·22	0.91259	0.90	1-96028	0.42	1-35382	0.80	0.13156	0.20 87
23 24	0.67430	0.37	1.82885	0.23	0.91313	0.88	1-96053	0.42	1:35418	0.60	0.13168	0.18 36
1			T-82899	0.23	0.91366	0.88	1.96078	0.43	1-85454	0.60	0.13179	0.20 88
25 26	0.67452	0.35 0.37	1.82913	0.23	0.01419	0.90	1.96104	0 42	1-35490	0.60	0.13191	0.18 34
27	0.67495	0.85	1 82927	0.23	0.91478	0.88	1-96129	0.43	1/35526	0.60	0.13202	0.20 38
28	0.67516		1.82941	0.23	0.91526	0.00	1.96155	0.42	1-85562	0.60	0.13214	0.18 32
29	0.67538	0.35	1.82955	0.33	0.91580	0.88	1.96180	0 42	1-35598	0.60	0-13225	0.20 31
80	0.67559	0.35	T-82968	0.23	0.91633	0.90	1.96205	0.43	1-85084	0.60	0.13237	0.18 80
81	0.67580	0.37	I-82982	0.23	0.91687	0.88	1.96231	0.42	1-85070	0.69 0.60	0-13248 0-13260	0.20 28
82	0.67602	0.35	1.82996	0.28	0.91740	0-88 0-90	1-96256 1-96281	0.42	1/35743	0.60	0-13272	$ \begin{array}{c c} 0.20 & 28 \\ 0.18 & 27 \end{array} $
88	0.67623	0·37 0·85	1.83010 1.83028	0.22 0.23	0.91794	0.00	1.96307	0.42	1 35779	0.60	0.13283	0.20 20
34	0.67648				0.91901	0.90	1.96333	0.43	1/85815	0.62	0-13295	0.18 20
85	0.67666	0·37 0·35	T-83037 T-83051	0·23	0.91955	0.88	1.90357	0.43	1-35852	0.60	0.13306	0.20 2
36 87	0.07709	0.85	T-83065	0.22	0.02008	0.90	1.96383	0.42	I BENER	ប្រាប	0.13318	0.20 2
88	0.67730	0.87	1.88078	0.23	0.92062	0.90	1-96408	0.42	1435994	0.03	0.13330	0.18 2
89	0.67752	0.85	1.83092	0.23	0.92116	0.90	1-96433	0.43	1-25061	0 60	0-13341	0.20 2:
40	0.67778	0.87	1.83106	0.23	0.92170	0.00	1.06459		1 35997	0.62	0.13353	0.20 20
41	0.67795	0.85	1.88120	0.22	0.92224	0.88	1.98484	0.43	1 36034	0.60	0 13365	0.18 1
42	0.67816	0.85	1.83133	0.23	0.92277	0.90	1.96510	0.43	1-36070	0 62 0 60	0 13376 0 13383	0.20 1
48	0.67837	0.37	1.88147	0.23	0.92385	0-90 0-90	1 96535 1 96560	0:43 0:43	1 36143	0 62	0.13400	0.18 1
44	0.67859	0.85	1.83161	0.22	1					0.62		0.20 1
45	0.67880	0.85	1.83174 1.83188	0.23	0.92489	0.00	1-96586 1-96611	0.42	1 861MO 1 86217	0.60	0-13411 0 13423	0.20 1
46	0.67901	0·37 0·85	1.83188	0·23 0·22	0.92494	0.90	1.90686		1-36253	0.03	0.13435	0.18 1
48	1	0.88	1.83215	0.23	1	0.80	1-90062		1-20290	0.02	0 13440	
49	0.07965	0.87	1.83229	0.22	0.92655	0.90	1 96687	0.42	1.30327	មកល	0-13458	0.20 1
50	0.07987	0.35	T-83242	0.23	0.92709	0.90	696712	0.43	1-36363	0.02	0.13470	
51	1	0.35	1.83256	0.28	0.02708	0.00	1.96738	0.43		ប់ថាន	0.13482	
52	0.68029	0.87	1.83270	0.22	0.92817	0.92	1.96763	0.42	1.36437	0.62	0.13493	
53		0.35	1.88288	0.23	0.92872	0.90	1.90788	0.43	1.36474	0.62	0.13505	0.20
54	0.08072	0.35	1.83297	0.32	0.92926	0.90	1.96814	0.42	1 36511	0.02	0 13517	
55	0.68098	0.37	1.83310	0.28	0.92980	0.90	1.96839	0.42	1 30548	0.63	0.13528	0.20
56		0.88	1.88824	0.23	0.98084	0.90	1.96864	0.48	1-36585	0 62 0 62	-0-13540 -0-13559	
57		0.35 0.37	$\frac{1.83338}{1.83351}$	$0.22 \\ 0.23$	0.93088	0.80	1.96890 1.96918	0.42	1 36659	0.62	0-13564	0 18
59		0.35	1.83365	0.23	0.93197	0.92	1.96940		1 36696	0.62	0-18575	1
60	1		T-83378		0.93252		1.96966		1.36783		0.13587	į
	Market Transfer on Appendi	** # <i>!!</i>	MATERIAL STATE OF STATE OF STATE	Washington and Ad		namenta salama'a	kerther new writing rivers is a reve	** ***			Log Coses	D. 1".
l .	Соя.	D. 1".	Log Cos.	D, 1",	Cot.	D. I.,	Log Cot.	17, 1",	Caitterti,	17.1 .	tusil erement	. 47. 4

			/LL: 1 I'				LION		~	CIL	LUG	<u> </u>	45
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0 1 2 3 4	0.68200 $0.68221$ $0.68242$ $0.68264$ $0.68285$	0·35 0·35 0·37 0·35 0·35	$\begin{array}{c} \overline{1}.83378 \\ \overline{1}.83392 \\ \overline{1}.83405 \\ \overline{1}.83419 \\ \overline{1}.83432 \end{array}$	0·23 0·22 0·23 0·22 0·23	0.93252 0.93306 0.93360 0.93415 0.93469	0.90 0.90 0.92 0.90 0.92	$\begin{array}{c} \overline{1.96966} \\ \overline{1.96991} \\ \overline{1.97016} \\ \overline{1.97042} \\ \overline{1.97067} \end{array}$	0·42 0·42 0·43 0·42 0·42	1.36733 1.36770 1.36807 1.36844 1.36881	0.62 0.62 0.62 0.62 0.63	0·13587 0·13599 0·13611 0·13623 0·13634	0·20 0·20 0·20 0·18 0·20	60 59 58 57 56
5 6 7 8 9	0.68306 0.68327 0.68349 0.68370 0.68391	0·35 0·37 0·35 0·35 0·35	$\begin{array}{c} \overline{1}.83446 \\ \overline{1}.83459 \\ \overline{1}.83473 \\ \overline{1}.83486 \\ \overline{1}.83500 \end{array}$	$0.22 \\ 0.23 \\ 0.22 \\ 0.23 \\ 0.23 \\ 0.22$	$\begin{array}{c} 0.93524 \\ 0.93578 \\ 0.93633 \\ 0.93688 \\ 0.93742 \end{array}$	0.90 0.92 0.92 0.90 0.92	$\begin{array}{c} \overline{1} \cdot 97092 \\ \overline{1} \cdot 97118 \\ \overline{1} \cdot 97143 \\ \overline{1} \cdot 97168 \\ \overline{1} \cdot 97193 \end{array}$	0·43 0·42 0·42 0·42 0·43	1.36919 1.36956 1.36993 1.37030 1.37068	0.62 0.62 0.62 0.63 0.62	0·13646 0·13658 0·13670 0·13682 0·13694	0·20 0·20 0·20 0·20 0·20 0·18	55 54 53 52 51
10 11 12 13 14	0.68412 0.68434 0.68455 0.68476 0.68497	0·37 0·35 0·35 0·35 0·35	$\begin{array}{c} \overline{1}.83513 \\ \overline{1}.83527 \\ \overline{1}.83540 \\ \overline{1}.83554 \\ \overline{1}.83567 \end{array}$	0.23 $0.22$ $0.23$ $0.22$ $0.23$	0.93797 0.93852 0.93906 0.93961 0.94016	0.92 0.90 0.92 0.92 0.92	$\begin{array}{c} \overline{1}.97219 \\ \overline{1}.97244 \\ \overline{1}.97269 \\ \overline{1}.97295 \\ \overline{1}.97320 \end{array}$	0·42 0·42 0·43 0·42 0·42	1·37105 1·37143 1·37180 1·37218 1·37255	0.63 0.62 0.63 0.62 0.63	0·13705 0·13717 0·13729 0·13741 0·13753	0·20 0·20 0·20 0·20 0·20	50 49 48 47 46
15 16 17 18 19	0.68518 0.68539 0.68561 0.68582 0.68603	0·35 0·37 0·35 0·35 0·35	I·83581 I·83594 I·83608 I·83621 I·83634	0.22 $0.23$ $0.22$ $0.22$ $0.23$	0.94071 0.94125 0.94180 0.94235 0.94290	0.90 $0.92$ $0.92$ $0.92$ $0.92$	$\overline{1.97345}$ $\overline{1.97371}$ $\overline{1.97396}$ $\overline{1.97421}$ $\overline{1.97447}$	0·43 0·42 0·42 0·43 0·42	1.37293 1.37330 1.37368 1.37406 1.37443	0.62 0.63 0.63 0.62 0.63	0·13765 0·13777 0·13789 0·13800 0·13812	0·20 0·20 0·18 0·20 0·20	45 44 43 42 41
20 21 22 23 24	0.68624 0.68645 0.68666 0.68688 0.68709	0·35 0·35 0·37 0·35 0·35	I.83648 I.83661 I.83674 I.83688 I.83701	0·22 0·22 0·23 0·22 0·23	0.94345 0.94400 0.94455 0.94510 0.94565	0·92 0·92 0·92 0·92 0·92	$\begin{array}{c} \overline{1}.97472 \\ \overline{1}.97497 \\ \overline{1}.97523 \\ \overline{1}.97548 \\ \overline{1}.97573 \end{array}$	0·42 0·43 0·42 0·42 0·42	1.37481 1.37519 1.37556 1.37594 1.37632	0.63 0.63 0.63 0.63	0·13824 0·13836 0·13848 0·13860 0·13872	0·20 0·20 0·20 0·20 0·20	40 39 38 37 36
25 26 27 28 29	0.68730 0.68751 0.68772 0.68793 0.68814	0.35 0.35 0.35 0.35	I·83715 I·83728 I·83741 I·83755 I·83768	0·22 0·22 0·23 0·22 0·22	0.94620 0.94676 0.94731 0.94786 0.94841	0.93 0.92 0.92 0.92 0.92	1.97598 1.97624 1.97649 1.97674 1.97700	0·43 0·42 0·42 0·43 0·42	1.37670 1.37708 1.37746 1.37784 1.37822	0.63 0.63 0.63 0.63	0·13884 0·13896 0·13908 0·13920 0·13932	0·20 0·20 0·20 0·20 0·20 0·20	35 34 33 32 31
30 31 32 33 34	0.68835 0.08857 0.68878 0.68899 0.68920	0·37 0·35 0·35 0·35 0·35	T-83781 T-83795 T-83808 T-83821 T-83834	0.23 $0.22$ $0.22$ $0.22$ $0.23$	0.94896 0.94952 0.95007 0.95062 0.95118	0.93 0.92 0.92 0.93 0.92	$\begin{array}{c} \hline{1.97725} \\ \hline{1.97750} \\ \hline{1.97776} \\ \hline{1.97801} \\ \hline{1.97826} \end{array}$	0·42 0·43 0·42 0·42 0·42	1.37860 1.37898 1.37936 1.37974 1.38012	0.63 0.63 0.63 0.63 0.65	0·13944 0·13956 0·13968 0·13980 0·13992	0.20 0.20 0.20 0.20 0.20 0.20	30 29 28 27 26
35 36 37 38 39	0.68941 0.68962 0.68983 0.69004 0.69025	0.35 0.35 0.35 0.35 0.35	1.83848 1.83861 1.83874 1.83887 1.83001	0.23	0.95173 0.95229 0.95284 0.95340 0.95395		I.97851 I.97877 I.97902 I.97927 I.97953	0·43 0·42 0·42 0·43 0·42	1.38051 1.38089 1.38127 1.38165 1.38204	0.63 0.63 0.63 0.65 0.63	0·14004 0·14016 0·14028 0·14040 0·14052	0-20 0-20 0-20 0-20 0-20	25 24 23 22 21
40 41 42 43 44	0.69109	0.35 0.35 0.35 0.35 0.35	1.83914 1.83927 1.83940 1.83954 1.83967	$0.22 \\ 0.23$	0.95451 0.95506 0.95562 0.95618 0.95673	0.98 0.98 0.92	I·97978 I·98003 I·98029 I·98054 I·98079	0·42 0·43 0·42 0·42 0·42	1.38242 1.38280 1.38319 1.38357 1.38396	0.63 0.65 0.63 0.65 0.63	0·14064 0·14076 0·14088 0·14100 0·14112	0·20 0·20 0·20 0·20 0·20	20 19 18 17 16
45 46 47 48 49	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0.35 0.35	1.83980 1.83993 1.84000 1.84020 1.84033	$0.22 \\ 0.23 \\ 0.22$	0.95897	0.98 0.98 0.92	T.98104 T.98130 T.98155 T.98180 T.98206	0·48 0·42 0·42 0·43 0·42	1.38434 1.38473 1.38512 1.38550 1.38589	0.65 0.65 0.65 0.65	0·14124 0·14136 0·14149 0·14161 0·14173	0.20 $0.22$ $0.20$ $0.20$ $0.20$	15 14 13 12 11
50 51 52 58 54	0.69277 0.69298 0.69319	0.35 0.35 0.35	I-84046 I-84059 I-84072 I-84085 I-84098	0.22 $0.22$ $0.22$	0.96064 0.96120 0.96176	0.93 0.93	T.98231 T.98256 T.98281 T.98307 T.98332	0·42 0·43 0·43 0·42 0·42	1.38628 1.38666 1.38705 1.38744 1.38783	0.63 0.65 0.65 0.65 0.65	0·14185 0·14197 0·14209 0·14221 0·14234	0.20 $0.20$ $0.20$ $0.22$ $0.22$	10 9 8 7 6
55 56 57 58 59	0.69882 0.69408 0.69424	0.85 0.85 0.85	I.84112 I.84123 I.84138 I.84151 I.84164	0.22 0.22 0.22	0.96344 0.96400 0.96457	0.93 0.95 0.93	T.98357 T.98383 T.98408 T.98433 T.98458	0·43 0·42 0·42 0·42 0·43	1.38899 1.38938	0.68 0.65 0.65 0.65 0.65	0·14246 0·14258 0·14270 0·14282 0·14294	0·20 0·20 0·20 0·20 0·22	2
60		CONTRACTOR CONTRACTOR	T-84177 Log Cos	********	0.96569 Cot.		I.98484 Log Cot.	D 1"	1.39016 Cosec.	1), 1"	0.14307 Log Cosec	D. 1"	0
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1   069679   035   54490   0.22   0.96686   0.95   19850   0.95   19850   0.97   1.3313   0.90   0.95   0.966870   0.95   1.44120   0.92   0.96784   0.93   1.9850   0.94   1.39134   0.95   0.14383   0.92   0.9784   0.98   0.	,	Ī	Sine.	D. 1".	Log Sin. 1	0.1".	Tan.	D. 1". I	og Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D, 1".	
1 0 06057 0.35 184205 0.22 05056 0.95 184509 0.92 19505 0.95 184505 0.92 18505 0.95 184505 0.92 18505 0.95 185		0 0	1:69466	0.35	1.84177	0.22	).96569							0.20 60	ı
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9 0-00664 0-35 1-84495 0-22 0-07706 0-95 1-98711 0-43 1-39399 0-07 0-14417 0-20 51 10 0-606075 0-35 1-84338 0-22 0-07138 0-93 1-98717 0-42 1-39349 0-55 0-14441 0-20 49 12 0-609717 0-38 1-84334 0-22 0-07320 0-95 1-98812 0-43 1-39527 0-55 0-14446 0-20 47 14 0-609758 0-35 1-84360 0-22 0-07320 0-95 1-98818 0-42 1-39567 0-55 0-14466 0-20 47 16 0-60970 0-35 1-84383 0-22 0-07472 0-95 1-98818 0-42 1-39560 0-07 0-14478 0-20 47 16 0-60970 0-35 1-84383 0-22 0-07472 0-95 1-98818 0-42 1-39560 0-07 0-14478 0-20 48 18 0-60800 0-35 1-84385 0-22 0-07472 0-95 1-98818 0-42 1-39560 0-07 0-14478 0-20 48 18 0-60800 0-35 1-84385 0-22 0-07759 0-95 1-98818 0-42 1-39560 0-07 0-14478 0-20 48 18 0-60800 0-35 1-84484 0-22 0-07759 0-95 1-98918 0-42 1-39560 0-07 0-14478 0-20 48 18 0-60842 0-38 1-84484 0-22 0-07759 0-95 1-98918 0-42 1-39560 0-07 0-14478 0-20 48 18 0-60842 0-38 1-84484 0-22 0-07759 0-95 1-98918 0-42 1-39572 0-65 0-14563 0-20 48 18 0-60800 0-35 1-84486 0-22 0-07750 0-95 1-98918 0-42 1-39572 0-65 0-14562 0-20 48 18 0-20 0-9881								0.93	L-98686						ļ
10   0.60610   0.58   1.44391   0.22   0.97189   0.95   1.98762   0.42   1.39448   0.05   0.14441   0.20   42   13   0.60797   0.58   1.44347   0.22   0.97246   0.93   1.98878   0.43   1.39527   0.65   0.14466   0.20   47   1.060787   0.58   1.44360   0.22   0.97350   0.95   1.98888   0.42   1.39560   0.07   0.14450   0.20   47   0.60987   0.58   1.44385   0.22   0.97476   0.95   1.98888   0.42   1.39560   0.07   0.14450   0.20   47   0.60987   0.58   1.44385   0.22   0.97476   0.95   1.98888   0.42   1.39560   0.07   0.14450   0.20   47   0.60981   0.58   1.44388   0.22   0.97760   0.95   1.98888   0.42   1.39560   0.07   0.14450   0.20   47   0.60981   0.58   1.44388   0.22   0.97760   0.95   1.98893   0.42   1.39560   0.07   0.14500   0.20   48   0.00982   0.35   1.44441   0.22   0.97633   0.95   1.98933   0.42   1.39560   0.07   0.14503   0.20   44   0.00982   0.35   1.44440   0.22   0.97643   0.95   1.89893   0.42   1.39572   0.05   0.14527   0.22   42   0.00987   0.35   1.44440   0.22   0.97760   0.93   1.98898   0.43   1.39894   0.07   0.14562   0.20   41   0.00982   0.35   1.44440   0.22   0.97760   0.93   1.99890   0.43   1.39894   0.07   0.14562   0.20   41   0.00986   0.35   1.44480   0.22   0.97876   0.95   1.99040   0.42   1.39844   0.07   0.14562   0.20   42   0.00987   0.35   1.44480   0.22   0.97876   0.95   1.99040   0.42   1.39844   0.07   0.14562   0.20   42   0.00986   0.35   1.44480   0.22   0.97876   0.95   1.99040   0.42   1.39844   0.07   0.14562   0.20   3.0   0.00986   0.35   1.44568   0.22   0.97876   0.95   1.99040   0.42   1.39844   0.07   0.14562   0.20   0.00987   0.35   1.44564   0.22   0.98088   0.95   1.99040   0.42   1.39844   0.07   0.14564   0.02   0.00987					1.84295	0.22	0.97076	0.95	1.98711	0.43	1.39369			0.20   51	l
11	1	0 0	0.69675	0.35	T-84308	0.22	0.97133								l
18   0.69737   0.85   1.84347   0.22   0.97350   0.95   1.98812   0.43   1.99627   0.65   0.14468   0.20   47		. 1	0.69696												Ì
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10							0.97586							44	
221   0.6999   0.93	1	9	0.09862	0.35	1.84424	0.22	0.97643	0.95	1-08964		i			0.20 41	1
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25 0.69987 0.36 1.84615 0.92 0.9794 0.95 1.99116 0.42 1.4003 0.67 0.14614 0.20 38 27 0.70029 0.33 1.84681 0.20 0.98088 0.95 1.99141 0.42 1.4003 0.67 0.14630 0.22 38 0.70049 0.35 1.84680 0.22 0.98155 0.97 1.99191 0.43 1.40123 0.67 0.14630 0.20 38 0.70049 0.35 1.84653 0.22 0.98155 0.97 1.99191 0.43 1.40123 0.67 0.14663 0.22 31 0.70012 0.33 1.84679 0.22 0.98270 0.95 1.99247 0.42 1.40163 0.67 0.14663 0.22 31 0.70112 0.33 1.84679 0.22 0.98327 0.95 1.99247 0.42 1.40163 0.67 0.14663 0.22 32 0.70132 0.35 1.84689 0.22 0.98327 0.95 1.99247 0.43 1.40233 0.67 0.14676 0.20 38 0.70112 0.33 1.84689 0.22 0.98841 0.95 1.99247 0.43 1.40233 0.67 0.14676 0.20 38 0.70174 0.35 1.84668 0.22 0.98441 0.97 1.99318 0.42 1.40233 0.67 0.14671 0.22 29 0.9834 0.70174 0.35 1.84668 0.22 0.98441 0.97 1.99318 0.42 1.40234 0.67 0.14736 0.22 27 0.95 0.70135 0.35 1.84668 0.22 0.98613 0.95 1.99343 0.42 1.40334 0.67 0.14736 0.22 27 0.70236 0.35 1.84668 0.22 0.98613 0.95 1.99348 0.42 1.40344 0.67 0.14738 0.22 27 0.70236 0.35 1.84668 0.22 0.98613 0.95 1.99348 0.42 1.40344 0.67 0.14738 0.20 23 38 0.70257 0.33 1.84666 0.22 0.98736 0.95 1.99349 0.42 1.40344 0.68 0.14706 0.20 23 38 0.70257 0.35 1.84682 0.20 0.98786 0.95 1.99449 0.42 1.40344 0.68 0.14706 0.22 24 38 0.70257 0.35 1.84682 0.20 0.98786 0.95 1.99499 0.42 1.40345 0.67 0.14763 0.22 23 38 0.70257 0.35 1.84682 0.20 0.98786 0.95 1.99409 0.43 1.40505 0.68 0.14788 0.20 21 40 0.70319 0.33 1.84707 0.22 0.98888 0.97 1.99409 0.43 1.40505 0.68 0.14788 0.20 21 40 0.70380 0.35 1.84787 0.22 0.98888 0.97 1.99549 0.42 1.40600 0.67 0.14886 0.22 1.40404 0.70381 0.33 1.84707 0.22 0.98888 0.97 1.99549 0.42 1.40600 0.67 0.14886 0.22 1.40408 0.68 0.14868 0.20 1.40408 0.65 0.48888 0.20 0.99048 0.99 1.99549 0.42 1.40600 0.67 0.14886 0.20 1.40408 0.65 0.48888 0.20 0.99048 0.99 1.99549 0.42 1.40600 0.67 0.14886 0.20 1.40408 0.65 0.48888 0.20 0.99048 0.99 1.99549 0.42 1.40600 0.67 0.14886 0.20 1.40408 0.65 0.44888 0.20 1.40408 0.65 0.44888 0.20 1.40408 0.65 0.44888 0.20 1.40408 0.65 0.44888 0.20 1.40408 0.65 0.44888 0.20 1															
26	1	- 1				- 1				0.42	1.40003	0.67	0-14614		1
27   0.70029   0.33   1.84628   0.20   0.9808   0.95   1.99166   0.42   1.4083   0.67   0.14639   0.20   38   28   0.70049   0.35   1.84630   0.22   0.98153   0.97   1.99191   0.43   1.40123   0.67   0.14651   0.20   23   0.70119   0.35   1.84636   0.22   0.98270   0.95   1.99247   0.42   1.40163   0.67   0.14663   0.22   31   0.70119   0.33   1.84586   0.22   0.98270   0.95   1.99247   0.42   1.4023   0.67   0.14676   0.20   32   0.70132   0.35   1.84665   0.22   0.98384   0.95   1.99297   0.43   1.40243   0.67   0.14678   0.22   0.9838   0.70153   0.35   1.84668   0.22   0.98441   0.97   1.99318   0.42   1.40343   0.67   0.14713   0.22   27   0.70174   0.35   1.84668   0.22   0.98489   0.95   1.99294   0.42   1.40344   0.67   0.14726   0.20   0.98498   0.95   0.99354   0.42   1.40344   0.67   0.14726   0.20   0.9858   0.70215   0.35   1.84668   0.22   0.98613   0.97   1.99394   0.42   1.40345   0.67   0.14738   0.22   0.98728   0.98728   0.98728   0.98728   0.42   1.40345   0.67   0.14738   0.22   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.98728   0.42   1.40345   0.67   0.14738   0.20   23   0.70247   0.35   1.84682   0.22   0.98728   0.98728   0.98728   0.42   1.40345   0.67   0.14738   0.20   23   0.70247   0.35   1.84682   0.22   0.98728   0.98728   0.98728   0.42   1.40345   0.67   0.14768   0.22   23   0.70349   0.35   1.84707   0.22   0.98738   0.95   1.99495   0.42   1.40345   0.67   0.14768   0.22   23   0.70349   0.35   1.84768   0.22   0.98838   0.97   1.99495   0.42   1.40345   0.66   0.14768   0.22   1.42   0.70349   0.35   1.84784   0.22   0.99838   0.97   1.99495   0.42   1.40687   0.66   0.14856   0.22   1.42   0.70349   0.35   1.84784   0.22   0.99048   0.97   1.99540   0.42   1.40687   0.66   0.14856   0.22   1.42   0.70484   0.35   1.84885   0.22   0.99836   0.97   1.99749   0.42   1.40680   0.66   0.14876   0.22   1.42   0.70648   0.35   1.84885   0.22   0.99636   0.97   1.99749						1									
28												0.67			
SO					1.84540	0.22	0.98155								
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	- [:	29	0.70070	0.32	1.84553	0.22	0.98213	0.95			1				1
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84         0.70174         0.35         1.84618         0.20         0.08499         0.05         1.99343         0.42         1.40364         0.67         0.14726         0.20         28           85         0.70195         0.33         1.84639         0.22         0.98556         0.95         1.99368         0.43         1.40104         0.67         0.14738         0.20         25           86         0.70215         0.35         1.84669         0.22         0.98671         0.91         1.99449         0.42         1.40485         0.67         0.14763         0.20         23           38         0.70257         0.35         1.84669         0.22         0.98728         0.97         1.99444         0.42         1.40485         0.67         0.14775         0.22         23           39         0.70277         0.35         1.84682         0.20         0.98786         0.95         1.99405         0.42         1.40565         0.67         0.14775         0.22         23           41         0.70319         0.33         1.84720         0.22         0.98968         0.94         1.40660         0.67         0.14818         0.20         14           42         0.70											1				
85         0.70195         0.33         1.84630         0.22         0.98556         0.95         1.09368         0.43         1.40104         0.67         0.14738         0.20         25           36         0.70215         0.35         1.84656         0.22         0.98613         0.97         1.99394         0.42         1.40445         0.67         0.14763         0.22         23           37         0.70236         0.35         1.84669         0.22         0.98738         0.97         1.99491         0.42         1.40525         0.67         0.14776         0.22         23           39         0.70277         0.35         1.84682         0.20         0.98786         0.95         1.99495         0.42         1.40605         0.68         0.14778         0.22         21           40         0.70298         0.85         1.84694         0.22         0.98843         0.97         1.99520         0.42         1.40606         0.67         0.14826         0.20         21           40         0.70330         0.35         1.84737         0.22         0.98988         0.97         1.99546         0.42         1.40606         0.67         0.14836         0.20         19 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						-									
86         0.70215         0.35         1.84643         0.22         0.98613         0.97         1.99394         0.42         1.40444         0.68         0.14750         0.22         24           87         0.70236         0.35         1.84660         0.22         0.98728         0.97         1.99444         0.42         1.40486         0.67         0.14763         0.20         23           38         0.70277         0.35         1.84682         0.20         0.98786         0.95         1.99444         0.42         1.40505         0.67         0.14775         0.22         22           40         0.70298         0.35         1.84694         0.22         0.98843         0.97         1.99495         0.42         1.40606         0.67         0.14800         0.22         1.99530         0.42         1.40607         0.66         0.14813         0.20         19         1.99530         0.42         1.40607         0.67         0.14800         0.22         1.98620         0.42         1.40607         0.67         0.14813         0.20         19         1.99530         0.42         1.40687         0.67         0.14825         0.22         18         1.40640         0.67         0.14850         0.	1				4.0		i				1.40104	0 67	0.14738	0.20 2	5
87         0.70230         0.85         1.84650         0.22         0.98671         0.95         1.99444         0.42         1.40485         0.67         0.14763         0.20         23           38         0.70257         0.83         1.84660         0.22         0.98786         0.95         1.99444         0.42         1.40565         0.67         0.14788         0.22         21           40         0.70298         0.85         1.84604         0.22         0.98843         0.97         1.99495         0.42         1.40606         0.67         0.14880         0.22         20           41         0.70319         0.33         1.84707         0.22         0.98988         0.97         1.99545         0.42         1.40687         0.67         0.14813         0.20         19           42         0.70339         0.85         1.84733         0.20         0.98088         0.97         1.99545         0.42         1.40687         0.67         0.14825         0.22         18           43         0.70381         0.33         1.84758         0.22         0.99073         0.97         1.99546         0.42         1.40687         0.67         0.14850         0.20         18 <td></td> <td></td> <td></td> <td></td> <td>4.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					4.0										
S9   0.70277   0.35   1.84682   0.20   0.98786   0.95   1.99469   0.43   1.40505   0.68   0.14788   0.20   21   40   0.70298   0.35   1.84694   0.22   0.98843   0.97   1.99495   0.42   1.40606   0.67   0.14800   0.22   29   41   0.70319   0.33   1.84707   0.22   0.98951   0.95   1.99520   0.42   1.40647   0.67   0.14825   0.22   18   3   0.70360   0.35   1.84733   0.20   0.99016   0.95   1.99540   0.42   1.40647   0.67   0.14825   0.22   18   4.070381   0.33   1.84745   0.22   0.99016   0.95   1.99570   0.43   1.40727   0.68   0.14838   0.20   17   4.070381   0.33   1.84745   0.22   0.99131   0.97   1.99596   0.42   1.40708   0.67   0.14850   0.22   10   45   0.70401   0.35   1.84758   0.22   0.99131   0.97   1.99646   0.43   1.40849   0.68   0.14863   0.22   14   0.70443   0.33   1.84784   0.20   0.99247   0.96   0.99247   0.96   0.42   1.40890   0.67   0.14888   0.20   15   40   0.70443   0.35   1.848796   0.22   0.99364   0.97   1.99627   0.42   1.40890   0.67   0.14888   0.20   13   49   0.70484   0.35   1.84899   0.22   0.99364   0.97   1.99697   0.42   1.40930   0.68   0.14900   0.23   12   0.70505   0.35   1.84835   0.20   0.99364   0.97   1.99722   0.42   1.40971   0.68   0.14918   0.22   11   0.70526   0.35   1.84835   0.20   0.99536   0.97   1.99738   0.42   1.41033   0.68   0.14931   0.22   11   0.70567   0.33   1.84860   0.22   0.99536   0.97   1.99738   0.42   1.41033   0.68   0.14931   0.20   8   0.70676   0.33   1.84885   0.22   0.99536   0.97   1.99738   0.42   1.41033   0.68   0.14936   0.22   0.99536   0.97   1.99738   0.42   1.41134   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41134   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41134   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41134   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41236   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41236   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42   1.41237   0.68   0.14936   0.22   0.99536   0.97   1.99843   0.42								0.95							
40         0.70298         0.85         1.84694         0.22         0.98843         0.97         1.99495         0.42         1.40606         0.67         0.14800         0.22         20           41         0.70310         0.33         1.84707         0.22         0.98958         0.97         1.99520         0.42         1.40667         0.67         0.14825         0.22         18           42         0.70360         0.35         1.84733         0.20         0.99016         0.95         1.99570         0.43         1.40737         0.68         0.14836         0.20         17           44         0.70381         0.33         1.84745         0.22         0.99073         0.97         1.99596         0.42         1.40768         0.67         0.14850         0.22         16           45         0.70401         0.35         1.84771         0.22         0.99181         0.97         1.99621         0.42         1.40808         0.68         0.14863         0.20         16           47         0.70443         0.35         1.84784         0.22         0.99189         0.97         1.99621         0.42         1.40809         0.68         0.14883         0.20         18 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>															
41         0.70319         0.33         1.84707         0.22         0.98901         0.95         1.99520         0.42         1.40446         0.68         0.14813         0.20         19           42         0.70330         0.35         1.84720         0.22         0.98958         0.97         1.99545         0.42         1.40687         0.67         0.14836         0.22         18           43         0.70360         0.35         1.84745         0.22         0.99073         0.97         1.99546         0.42         1.40768         0.67         0.14836         0.22         18           45         0.70401         0.35         1.84771         0.22         0.99131         0.97         1.99546         0.42         1.40808         0.68         0.14863         0.20         15           46         0.70422         0.35         1.84771         0.22         0.99189         0.97         1.99672         0.42         1.40849         0.68         0.14863         0.20         15           47         0.70463         0.35         1.848796         0.22         0.99304         0.97         1.99697         0.42         1.40890         0.68         0.14883         0.20         18 <td>١</td> <td>39</td> <td>0.70277</td> <td>0.35</td> <td>1.84682</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td>1</td> <td></td>	١	39	0.70277	0.35	1.84682		1				•			1	
42         0.70330         0.35         1.84720         0.22         0.98958         0.97         1.99545         0.42         1.40687         0.67         0.14825         0.22         18           43         0.70860         0.35         1.84738         0.20         0.99016         0.95         1.99570         0.43         1.40737         0.68         0.14838         0.20         17           44         0.70881         0.33         1.84748         0.22         0.99131         0.97         1.99596         0.42         1.40748         0.67         0.14850         0.22         16           45         0.70401         0.85         1.84771         0.22         0.99189         0.97         1.99621         0.42         1.40849         0.68         0.14875         0.22         14           47         0.70443         0.35         1.84784         0.20         0.99804         0.97         1.99637         0.42         1.40890         0.68         0.14886         0.20         18           48         0.70484         0.35         1.84899         0.22         0.99804         0.97         1.99672         0.42         1.40930         0.68         0.14930         0.22         1.9 <td>- 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	- 1														
43         0.70360         0.35         1.84733         0.20         0.98016         0.95         1.99570         0.43         1.40727         0.68         0.14838         0.20         17           44         0.70381         0.33         1.84745         0.22         0.99073         0.97         1.99596         0.42         1.40768         0.67         0.14850         0.22         16           45         0.70401         0.85         1.84778         0.22         0.99181         0.97         1.99621         0.42         1.40808         0.68         0.14853         0.20         15           46         0.70442         0.85         1.84771         0.22         0.99181         0.97         1.99621         0.42         1.40808         0.68         0.14853         0.20         14           48         0.70448         0.35         1.84796         0.22         0.99304         0.97         1.99672         0.42         1.40930         0.68         0.14988         0.20         14           49         0.70484         0.35         1.84809         0.22         0.99862         0.97         1.99747         0.42         1.40930         0.68         0.14926         0.22         11 <td>- 1</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	- 1			-											
44         0.70381         0.33         1.84745         0.22         0.99073         0.97         1.99596         0.42         1.40768         0.67         0.14850         0.22         10           45         0.70401         0.35         1.84758         0.22         0.99181         0.97         1.99621         0.42         1.40808         0.68         0.14863         0.20         15           46         0.70422         0.85         1.84771         0.22         0.99189         0.97         1.99646         0.43         1.40849         0.68         0.14863         0.20         15           47         0.70443         0.33         1.848796         0.22         0.99304         0.97         1.99697         0.42         1.40930         0.68         0.14888         0.20         1           49         0.70484         0.35         1.84880         0.22         0.99362         0.97         1.99722         0.42         1.40930         0.68         0.14910         0.22         1           50         0.70505         0.33         1.84885         0.20         0.99420         0.97         1.99747         0.43         1.41043         0.68         0.14926         0.20         1	- 1						1								
45         0.70401         0.85         1.84758         0.22         0.99181         0.97         1.99621         0.42         1.40808         0.68         0.14863         0.20         15           46         0.70422         0.85         1.84771         0.22         0.99189         0.97         1.99646         0.43         1.40849         0.68         0.14873         0.22         14           47         0.70443         0.35         1.84786         0.20         0.49247         0.98         1.49672         0.42         1.40890         0.67         0.14888         0.20         18           49         0.70463         0.35         1.848796         0.22         0.99364         0.97         1.99697         0.42         1.40930         0.68         0.14900         0.22         12           49         0.70464         0.35         1.84889         0.22         0.99362         0.97         1.99677         0.42         1.40930         0.68         0.14910         0.22         11           50         0.70505         0.33         1.84882         0.22         0.99362         0.97         1.99747         0.43         1.41033         0.67         0.14936         0.22         1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td>0.14850</td> <td></td> <td>- 1</td>											3		0.14850		- 1
46         0.70422         0.35         1.84771         0.22         0.99189         0.97         1.99046         0.43         1.40849         0.68         0.14875         0.22         14           47         0.70443         0.35         1.84784         0.20         0.99247         0.96         1.99672         0.42         1.40890         0.67         0.14888         0.20         18           48         0.70463         0.35         1.84809         0.22         0.99362         0.97         1.99697         0.42         1.40930         0.68         0.14900         0.22         13           49         0.70484         0.35         1.84829         0.22         0.99420         0.97         1.99747         0.42         1.40971         0.68         0.14936         0.22         11           50         0.70525         0.35         1.84835         0.20         0.99478         0.97         1.99747         0.43         1.4103         0.67         0.14936         0.22         1           52         0.70546         0.35         1.84847         0.22         0.99586         0.97         1.99798         0.42         1.41093         0.68         0.14936         0.22         1.99584	į		1				1		1.99621	0.4:	1 4080)	COGS	0.14863	0.20,1	. 5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	١				1.84771	0.22	0.99189	0.97	1-00040	0.43	1 1 40841	0 68		0.22 1	4
49         0.70484         0.35         f.84809         0.22         0.99362         0.97         f.99722         0.42         f.40971         0.68         0.14913         0.22         f.1           50         0.70505         0.33         f.84822         0.22         0.99420         0.97         f.99747         0.43         f.41012         0.68         0.14926         0.20         f.0           51         0.70525         0.35         f.84835         0.20         0.99478         0.97         f.99773         0.42         f.41033         0.67         0.14938         0.22         9           52         0.70546         0.35         f.84860         0.22         0.99536         0.97         f.99789         0.42         f.41033         0.68         0.14936         0.22         9           53         0.70567         0.33         f.84860         0.22         0.99534         0.97         f.99834         0.42         f.41134         0.68         0.14936         0.22         7           54         0.70587         0.35         f.84885         0.22         0.99710         0.97         f.99834         0.42         f.41246         0.48         f.41488         0.22         0.99710		47	0.70448	3 0.83				_							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			1											U-2223 i ] 	
51         0.70525         0.35         1.84835         0.20         0.99478         0.97         1.99773         0.42         1.41053         0.67         0.14938         0.22         0           52         0.70546         0.35         1.84847         0.22         0.99536         0.97         1.99798         0.42         1.41093         0.68         0.14931         0.20         8           53         0.70567         0.33         1.84860         0.22         0.99534         0.97         1.99823         0.42         1.41134         0.68         0.14935         0.20         8           54         0.70587         0.35         1.84885         0.22         0.99652         0.97         1.99823         0.42         1.41134         0.68         0.14936         0.20         6           55         0.70608         0.33         1.84885         0.22         0.99710         0.97         1.99843         0.42         1.41216         0.68         0.14936         0.22         5           56         0.70628         0.35         1.84898         0.22         0.99768         0.97         1.99849         0.42         1.41237         0.68         0.15010         0.22         4			1				1								
52         0.70546         0.35         1.84847         0.22         0.99536         0.97         1.99798         0.42         1.41093         0.68         0.14951         0.20         8           53         0.70567         0.33         1.84860         0.22         0.99594         0.97         1.99823         0.42         1.41134         0.68         0.14963         0.22         7           54         0.70587         0.35         1.84873         0.20         0.99652         0.97         1.99848         0.43         1.41134         0.68         0.14976         0.20         6           55         0.70608         0.33         1.84885         0.22         0.99710         0.97         1.99874         0.42         1.41216         0.68         0.14988         0.22         5           56         0.70628         0.35         1.84898         0.22         0.99768         0.97         1.99899         0.42         1.41257         0.68         0.15001         0.22         4           57         0.70649         0.35         1.84911         0.20         0.99826         0.97         1.99899         0.42         1.41257         0.68         0.15014         0.20         3					A-0.1										
53         0.70567         0.93         1.84860         0.22         0.99594         0.97         1.99823         0.42         1.41134         0.68         0.14963         0.22         7           54         0.70587         0.85         1.84878         0.20         0.99652         0.97         1.99848         0.43         1.41134         0.68         0.14976         0.20         6           55         0.70608         0.33         1.84885         0.22         0.99710         0.97         1.99874         0.42         1.41216         0.68         0.14988         0.22         5           56         0.70628         0.85         1.84898         0.22         0.99768         0.97         1.99899         0.42         1.41257         0.68         0.15001         0.22         4           57         0.70649         0.35         1.84911         0.20         0.99826         0.97         1.99949         0.42         1.41257         0.68         0.15014         0.20         3           58         0.70670         0.33         1.84923         0.22         0.99884         0.97         1.99949         0.42         1.41236         0.68         0.15026         0.22         3															
54         0.70587         0.35         1.84873         0.20         0.99652         0.97         1.9848         0.43         1.41175         0.68         0.14976         0.20         6           55         0.70608         0.33         1.84885         0.22         0.99710         0.97         1.98474         0.42         1.41216         0.68         0.14988         0.22         5           56         0.70628         0.85         1.84898         0.22         0.99768         0.97         1.99899         0.42         1.41257         0.68         0.15001         0.22         4           57         0.70649         0.35         1.84911         0.20         0.99826         0.97         1.99924         0.42         1.41257         0.68         0.15014         0.20         3           58         0.70670         0.33         1.84923         0.22         0.99884         0.97         1.99949         0.43         1.41339         0.68         0.15026         0.22         3           50         0.70690         0.35         1.84936         0.22         0.99942         0.97         1.99975         0.42         1.41380         0.68         0.15039         0.20         1      <					4.9										7
55         0.70608         0.33         1.84885         0.22         0.99710         0.97         1.99874         0.42         1.41216         0.68         0.14088         0.22         5           56         0.70628         0.35         1.84898         0.22         0.99768         0.97         1.99899         0.42         1.41257         0.68         0.15001         0.22         4           57         0.70649         0.35         1.84911         0.20         0.99826         0.97         1.99924         0.42         1.41238         0.68         0.15014         0.20         3           58         0.70670         0.38         1.84923         0.22         0.99884         0.97         1.99949         0.43         1.41339         0.68         0.15026         0.22         2           59         0.70690         0.35         1.84936         0.22         0.99942         0.97         1.99975         0.42         1.41380         0.68         0.15039         0.20         1           60         0.70711         7.84949         1.00000         0.00000         1.41421         0.15051         0					47				1-9984				0-14976	0.20	в
56         0.70628         0.35         1.84898         0.22         0.09768         0.97         1.99899         0.42         1.41257         0.68         0.15001         0.22         4           57         0.70649         0.35         1.84911         0.20         0.99826         0.97         1.99924         0.42         1.41257         0.68         0.15014         0.20         3           58         0.70670         0.38         1.84923         0.22         0.99884         0.97         1.99949         0.43         1.41339         0.68         0.15026         0.22         2           59         0.70690         0.35         1.84936         0.22         0.99942         0.97         1.99975         0.42         1.41380         0.68         0.15039         0.20         1           60         0.70711         7.84949         1.00000         0.00000         1.41421         0.15051         0	l	55	1		1.84885	0.22	0.99710	0.97	1.9987	4 0.4	2 1 4121	4 0 68	0.14988	0.22	
58     0.70670     0.38     1.84923     0.22     0.99884     0.97     1.99949     0.43     1.41339     0.08     0.15026     0.22     2       59     0.70690     0.35     1.84936     0.22     0.99942     0.97     1.99975     0.42     1.41380     0.68     0.15039     0.20     1       60     0.70711     1.84949     1.00000     0.00000     1.41421     0.15031     0				8 0.85	1.84898	0.22	0.09768	0.97	1.0989	9 0 4	2 : 1 - 4 1 2 5	7 068			
59     0.70690     0.35     1.84936     0.22     0.99942     0.97     1.99975     0.42     1.41380     0.68     0.15039     0.20     1       60     0.70711     1.84949     1.00000     0.00000     1.41421     0.15051     0					14										
60 0·70711 1·84949 1·00000 0·00000 1·41421 0·15051 0															1
National Application of the Control	•		i		N. 6						1			i	
The Third Court to Mill the Third Town that I have the Third Course The Till I		60	0.7071		1.84848	 	1.00000	) Lacone outlieres	0.0000	U .	1 4143	,	Olonol	and the second s	U ~~~
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".			Cos.	D. 1"	Log Cos	D. 1"	. Cot.	1), 1",	Log Co	t. D. I	". Casec.	D. 1"	. Log Cose	e. D. 1".	1

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1 0-70731 0-35	<u>'</u>		D. 1".				D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	_	
2 0 070782 0-33	- 1														
3 0 070772 0.35															
1	3							0.00076	0.42	1.41545	89.0	0.15089	- 1		
6 0.70834 0.95 1.85024 0.92 1.00550 0.97 0.00152 0.42 1.41660 0.68 0.15127 0.92 54 8 0.70875 0.93 1.85037 0.92 1.00408 0.95 0.00177 0.42 1.41710 0.70 0.15140 0.92 53 8 0.70875 0.95 1.85040 0.92 1.00467 0.97 0.00220 0.42 1.41752 0.68 0.15158 0.92 52 0.00407 0.97 0.00220 0.42 1.41752 0.68 0.15158 0.92 52 51 0.70876 0.93 1.85076 0.92 1.00647 0.97 0.00220 0.42 1.41793 0.70 0.15165 0.92 51 0.70876 0.93 1.85076 0.92 1.00648 0.98 0.00233 0.42 1.41876 0.70 0.15161 0.92 51 0.70876 0.85 1.85102 0.92 1.00761 0.97 0.00830 0.42 1.41876 0.70 0.15161 0.92 49 0.70978 0.33 1.85112 0.92 1.00761 0.97 0.00838 0.43 1.41935 0.68 0.15294 0.92 47 0.70988 0.33 1.85112 0.92 1.00761 0.97 0.00838 0.43 1.41935 0.70 0.15161 0.92 49 0.70988 0.33 1.85113 0.92 1.00761 0.97 0.00884 0.43 1.41935 0.70 0.15216 0.92 47 0.70988 0.33 1.85113 0.92 1.00876 0.98 0.00838 0.43 1.41935 0.70 0.15216 0.92 47 0.70988 0.33 1.85113 0.92 1.00876 0.98 0.00840 0.43 1.42904 0.70 0.15225 0.92 47 0.7019 0.33 1.85116 0.92 1.00876 0.98 0.00840 0.43 1.42984 0.70 0.15225 0.92 48 0.70108 0.33 1.85117 0.92 1.00185 0.98 0.00430 0.42 1.42081 0.70 0.15225 0.92 48 0.70109 0.35 1.85187 0.92 1.00112 0.97 0.00480 0.42 1.42080 0.70 0.15225 0.92 48 0.70109 0.35 1.85187 0.92 1.00112 0.97 0.00480 0.42 1.42218 0.70 0.15236 0.92 49 0.71100 0.35 1.85187 0.92 1.00112 0.97 0.00480 0.42 1.42218 0.70 0.15236 0.92 49 0.71112 0.93 1.85250 0.92 1.00112 0.97 0.00480 0.42 1.42218 0.70 0.15280 0.92 41 0.71112 0.93 0.93 0.0055 0.43 1.42210 0.70 0.15800 0.92 40 0.7112 0.93 0.93 0.94 0.42 1.42220 0.70 0.15818 0.92 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.93													1		
7 0.70555 0.83 1.856037 0.20 1.00408 0.98 0.00177 0.42 1.41752 0.68 0.15153 0.20 52 0.00177 0.70806 0.35 1.85602 0.20 1.00625 0.97 0.00227 0.43 1.41752 0.68 0.15153 0.20 52 0.00708 0.85 1.85604 0.22 1.00688 0.98 0.00378 0.42 1.41835 0.68 0.15157 0.22 51 0.70037 0.35 1.85607 0.22 1.00688 0.98 0.00378 0.42 1.41835 0.68 0.15157 0.22 51 0.00682 0.98 0.00383 0.43 1.41835 0.68 0.15157 0.22 51 0.00682 0.98 0.00383 0.43 1.41835 0.68 0.15157 0.22 51 0.00682 0.98 0.00383 0.43 1.41835 0.68 0.15150 0.20 48 0.00682 0.42 0.00683 0.43 1.41918 0.68 0.15204 0.20 48 0.00682 0.42 0.00683 0.43 1.41918 0.68 0.15204 0.20 48 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.00682 0.42 0.42 0.42 0.42 0.42 0.42 0.42 0.4															
9 0.70806 0-38 1.85062 0-20 1-00.025 0-97 0-00227 0-48 1-41793 0-70 0-16165 0-22 51 0 0-70917 0-35 1.85074 0-22 1.00588 0-98 0-00233 0-42 1-41835 0-68 0-15178 0-22 52 0-70917 0-35 1.85087 0-22 1.00542 0-98 0-00238 0-42 1-41876 0-70 0-16161 0-22 49 0-70917 0-70 0-70 0-70 0-70 0-70 0-70 0-70 0-	7														
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20	10 11														
1	12	0.70957	0.35	1.85100	0.20	1.00701	0.97	0.00303	0.42	1.41918	0.68	0.15204	0.20	48	
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0	17	0.71059	0.35	1.85162	0.22	1.00994	0.98	0.00430	0.42	1.42126	0.70	0.15267	0.22	43	
0 0-71121 0-33 T-85200 0-20 1-01170 0-98 0-00505 0-43 1-42251 0-70 0-15306 0-20 40 1-71141 0-35 T-85212 0-22 1-01229 0-98 0-00531 0-42 1-42335 0-70 0-15318 0-22 38 1-71182 0-35 T-8525 0-20 1-01288 0-98 0-00566 0-42 1-42335 0-70 0-15318 0-22 38 1-71182 0-35 T-85250 0-20 1-01347 0-98 0-00566 0-42 1-42335 0-70 0-15331 0-22 38 1-71182 0-35 T-85250 0-20 1-01407 0-98 0-00566 0-42 1-42335 0-70 0-15331 0-22 38 1-71182 0-35 T-85250 0-20 1-01407 0-98 0-00561 0-42 1-42370 0-70 0-15340 0-22 38 1-71182 0-35 T-85250 0-20 1-01405 0-98 0-00561 0-42 1-42370 0-70 0-15340 0-22 38 1-71182 0-35 T-85250 0-20 1-01405 0-98 0-00657 0-42 1-42510 0-70 0-15350 0-22 34 1-71182 0-35 T-85250 0-20 1-01583 0-98 0-00657 0-42 1-42545 0-70 0-15350 0-22 34 1-71182 0-35 T-85270 0-20 1-01583 0-98 0-00657 0-42 1-42545 0-70 0-15350 0-22 34 1-71182 0-35 T-85270 0-20 1-01580 0-98 0-00578 0-42 1-42545 0-70 0-15350 0-22 34 1-11825 0-33 T-85324 0-22 1-01701 0-98 0-00738 0-42 1-42545 0-70 0-15421 0-22 31 1-11825 0-33 T-85332 0-20 1-01879 1-00 0-00809 0-42 1-42545 0-70 0-15421 0-22 31 1-11825 0-35 T-85330 0-20 1-01879 1-00 0-00809 0-42 1-42560 0-70 0-15421 0-22 31 1-11825 0-35 T-85340 0-20 1-01879 1-00 0-00809 0-42 1-42576 0-72 0-15440 0-22 32 0-71366 0-35 T-85340 0-22 1-01939 0-98 0-00834 0-42 1-42756 0-72 0-15460 0-20 32 0-71366 0-35 T-85361 0-22 1-01939 0-98 0-00850 0-42 1-42841 0-70 0-15485 0-22 25 0-71447 0-35 T-85360 0-22 1-02176 1-00 0-00805 0-42 1-42841 0-70 0-15485 0-22 25 0-71447 0-35 T-85340 0-22 1-02176 1-00 0-00805 0-42 1-42841 0-70 0-15485 0-22 25 0-71447 0-35 T-85360 0-22 1-02176 0-00 0-0088 0-42 1-42841 0-70 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-42841 0-70 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-42841 0-70 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-42841 0-70 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-43800 0-72 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-43800 0-72 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-43800 0-72 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-43800 0-72 0-15580 0-22 1-02176 0-00 0-0085 0-42 1-43800 0-72 0-15580 0-22 1-02176 0-00 0-0085 0	18														
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10	$\frac{20}{21}$													39	
1.   1.   1.   1.   1.   1.   1.   1.	22	0.71162	0.33	1.85225	0.20	1.01288	0.98	0.00556	0.42	1.42335	0.70	0.15331			
1.	28														
10	- t												- 1	- 1	
17	20									1.42503				34	
1.0	27	0.71264	0.33												
10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$														
11   0.71345   0.35   T.85337   0.20   1.01820   0.98   0.00783   0.43   1.42714   0.70   0.15447   0.22   29   29   20.71366   0.38   T.85349   0.20   1.01879   1.00   0.00809   0.42   1.42756   0.72   0.15460   0.20   28   28   0.71386   0.35   T.85374   0.20   1.01998   0.98   0.00834   0.42   1.42799   0.70   0.15472   0.22   27   27   27   27   27   27   27	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$														
12	31												0.22	29	
1.   0.71407   0.33   T.85374   0.20   1.01998   0.98   0.00859   0.42   1.42841   0.70   0.15485   0.22   26   0.71427   0.33   T.85380   0.22   1.02057   1.00   0.00884   0.43   1.42883   0.72   0.15498   0.22   25   0.71447   0.35   T.85399   0.20   1.02177   0.98   0.00910   0.42   1.42906   0.70   0.15511   0.22   24   0.716188   0.33   T.85410   0.20   1.02176   1.00   0.00935   0.42   1.42968   0.72   0.15534   0.22   24   0.71638   0.33   T.85483   0.22   1.02236   0.98   0.00960   0.42   1.43011   0.70   0.15537   0.22   25   0.71630   0.33   T.85480   0.20   1.02235   0.98   0.00960   0.42   1.43011   0.70   0.15550   0.22   21   0.71529   0.33   T.85480   0.22   1.02346   0.98   0.01011   0.42   1.43096   0.72   0.15536   0.22   21   0.71549   0.33   T.85460   0.22   1.02474   0.98   0.01011   0.42   1.43096   0.72   0.15536   0.22   20   0.71549   0.33   T.85485   0.20   1.02474   0.98   0.01061   0.43   1.43181   0.72   0.15589   0.22   18   0.71610   0.33   T.85497   0.22   1.02533   1.00   0.01087   0.42   1.43224   0.72   0.15602   0.22   17   0.71610   0.33   T.85497   0.22   1.02593   1.00   0.01112   0.42   1.43267   0.72   0.15602   0.22   17   0.71610   0.33   T.85540   0.22   1.02713   0.98   0.01162   0.43   1.43352   0.72   0.15630   0.22   14   0.71610   0.33   T.85540   0.22   1.02772   1.00   0.01188   0.42   1.43369   0.72   0.15664   0.22   1.48   0.71610   0.33   T.85547   0.20   1.02892   1.00   0.01238   0.42   1.43481   0.72   0.15664   0.22   1.48   0.71610   0.33   T.85569   0.20   1.02892   1.00   0.01238   0.42   1.43481   0.72   0.156679   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15669   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15669   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15669   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15679   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15679   0.22   1.02892   1.00   0.01238   0.42   1.43861   0.72   0.15679   0.22   1.02892   1.00   0.01238	32	0.71366	0.38												
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188 0-71488 0-33 1-85423 0-22 1-02236 0-98 0-00960 0-42 1-43011 0-70 0-15537 0-22 22 23 0-71508 0-35 1-85436 0-20 1-02295 1-00 0-00985 0-43 1-43053 0-72 0-15550 0-22 21 10 0-71520 0-33 1-85460 0-22 1-02355 0-98 0-01011 0-42 1-43096 0-72 0-15563 0-22 21 10 0-71540 0-33 1-85460 0-22 1-02474 0-98 0-01061 0-43 1-43181 0-72 0-15560 0-22 19 1-02474 0-98 0-01061 0-43 1-43181 0-72 0-15560 0-22 18 1-071590 0-33 1-85497 0-22 1-02533 1-00 0-01087 0-42 1-43244 0-72 0-15602 0-22 17 1-02533 1-00 0-01087 0-42 1-43244 0-72 0-15602 0-22 17 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43267 0-70 0-15615 0-20 1-02533 1-00 0-01112 0-42 1-43350 0-72 0-15640 0-22 1-02772 1-00 0-01188 0-42 1-43352 0-72 0-15640 0-22 1-02772 1-00 0-01188 0-42 1-43352 0-72 0-15666 0-22 1-02772 0-00 0-01238 0-42 1-43481 0-72 0-15666 0-22 1-02772 0-00 0-01238 0-42 1-43481 0-72 0-15666 0-22 1-02772 0-00 0-01238 0-42 1-43481 0-72 0-15666 0-22 1-02772 0-00 0-01238 0-42 1-43567 0-72 0-15666 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01239 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0-42 1-4360 0-72 0-15705 0-22 1-02772 0-00 0-01238 0	36					1.02117	0.98	0.00910	0.42	1.42926					
0.71508   0.35	37														
10	38 39					1.02235									
11 0.71549 0.33 1.85460 0.22 1.02414 1.00 0.01036 0.42 1.43181 0.70 0.15576 0.22 19 42 0.71569 0.35 1.85435 0.20 1.02474 0.98 0.01061 0.43 1.43181 0.72 0.15589 0.22 18 43 0.71590 0.33 1.85485 0.20 1.02533 1.00 0.01087 0.42 1.43224 0.72 0.15602 0.22 17 44 0.71610 0.33 1.85485 0.20 1.02593 1.00 0.01112 0.42 1.43267 0.70 0.15615 0.20 16 45 0.71630 0.35 1.85510 0.20 1.02653 1.00 0.011137 0.42 1.43309 0.72 0.15627 0.22 15 46 0.71650 0.35 1.85534 0.22 1.02713 0.98 0.01162 0.43 1.43352 0.72 0.15640 0.22 14 47 0.71671 0.33 1.85534 0.22 1.02772 1.00 0.01188 0.42 1.43395 0.72 0.15666 0.22 12 48 0.71691 0.33 1.85547 0.20 1.02832 1.00 0.01188 0.42 1.43385 0.72 0.15666 0.22 12 49 0.71711 0.35 1.85559 0.20 1.02892 1.00 0.01238 0.42 1.43481 0.72 0.15666 0.22 12 49 0.71712 0.33 1.85583 0.22 1.02892 1.00 0.01238 0.42 1.43481 0.72 0.15679 0.22 11 50 0.71732 0.33 1.85583 0.22 1.03012 1.00 0.01289 0.42 1.43567 0.72 0.15679 0.22 11 51 0.71772 0.33 1.85588 0.22 1.03012 1.00 0.01289 0.42 1.43667 0.72 0.15679 0.22 10 52 0.71772 0.33 1.85688 0.20 1.03072 1.00 0.01339 0.43 1.43524 0.72 0.15679 0.22 10 53 0.71792 0.35 1.85608 0.20 1.03072 1.00 0.01339 0.43 1.43567 0.72 0.15745 0.22 8 53 0.71792 0.35 1.85608 0.20 1.0312 1.00 0.01339 0.43 1.43667 0.72 0.15745 0.22 8 54 0.71813 0.33 1.85645 0.20 1.0312 1.00 0.01339 0.43 1.43667 0.72 0.15745 0.22 8 55 0.71893 0.33 1.85645 0.20 1.03312 1.00 0.01300 0.42 1.43783 0.72 0.15745 0.22 5 56 0.71894 0.33 1.85669 0.20 1.03312 1.00 0.01300 0.42 1.43783 0.72 0.15745 0.22 5 57 0.71894 0.33 1.85669 0.20 1.03312 1.00 0.01440 0.43 1.43826 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43889 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15784 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15784 0.22 1.03553 0.01516 1.03592 0.72 0.15780 0.22 1.03512 1.00 0.01466 0.42 1.43890 0.72 0.15797 0.22 1	40	i .					0.98	0.01011	0.42	1.43096					
13 0.71590 0.33 1.85.485 0.20 1.02533 1.00 0.01087 0.42 1.43224 0.72 0.15602 0.22 1.7   144 0.71610 0.33 1.85.497 0.22 1.02593 1.00 0.01112 0.42 1.43267 0.70 0.15615 0.20 1.6   156 0.71650 0.35 1.85.510 0.20 1.02653 1.00 0.01137 0.42 1.43309 0.72 0.15627 0.22 1.5   157 0.71671 0.33 1.85.540 0.22 1.02772 1.00 0.01188 0.42 1.43352 0.72 0.15633 0.22 1.4   157 0.71671 0.33 1.85.547 0.20 1.02832 1.00 0.01213 0.42 1.43395 0.72 0.15636 0.22 1.4   157 0.71671 0.35 1.85.547 0.20 1.02832 1.00 0.01213 0.42 1.43438 0.72 0.15666 0.22 1.4   158 0.71691 0.33 1.85.547 0.20 1.02832 1.00 0.01283 0.42 1.43481 0.72 0.15666 0.22 1.4   158 0.71711 0.35 1.85.549 0.20 1.02832 1.00 0.01283 0.42 1.43481 0.72 0.15666 0.22 1.2   159 0.71772 0.33 1.85.549 0.20 1.02832 1.00 0.01283 0.42 1.43481 0.72 0.15669 0.22 1.2   159 0.71772 0.33 1.85.583 0.22 1.03012 1.00 0.01283 0.43 1.43524 0.72 0.15692 0.22 1.2   159 0.71792 0.35 1.85.589 0.20 1.03972 1.00 0.01289 0.42 1.43697 0.72 0.15718 0.22   159 0.71838 0.33 1.85692 0.20 1.03132 1.00 0.01334 0.42 1.43696 0.72 0.15718 0.22   159 0.71838 0.33 1.85662 0.20 1.03132 1.00 0.01339 0.43 1.43696 0.72 0.15745 0.22   159 0.71894 0.33 1.856645 0.20 1.03312 1.00 0.01305 0.42 1.43783 0.72 0.15745 0.22   159 0.71894 0.33 1.85669 0.20 1.03312 1.00 0.01305 0.42 1.43783 0.72 0.15745 0.22   150 0.71894 0.33 1.85668 0.20 1.03312 1.00 0.01415 0.42 1.43783 0.72 0.15745 0.22   150 0.71894 0.33 1.85669 0.20 1.03343 1.00 0.01440 0.43 1.43826 0.72 0.15745 0.22   150 0.71894 0.33 1.85669 0.20 1.03493 1.00 0.01440 0.43 1.43826 0.72 0.15745 0.22   150 0.71914 0.33 1.85669 0.20 1.03493 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22   150 0.71934 1.85693 1.03553 0.01516 1.43956 0.72 0.15797 0.22   150 0.71934 1.85693 1.03553 0.01516 1.43956 0.72 0.15780 0.22   150 0.71934 1.85693 1.03553 0.01516 1.43956 0.72 0.15780 0.22   150 0.71934 1.85693 1.036657 0.20 1.03493 1.00 0.01466 0.42 1.43890 0.72 0.15797 0.22   150 0.71934 1.85693 1.036657 0.20 1.03493 1.00 0.01466 0.42 1.43896 0.72 0.15797 0.22   150 0.71934 1.85693 1.00 0.0151	41	0.71549	0.33	1.85460	0.22										
14 0.71610 0.33 1.85497 0.22 1.02593 1.00 0.01112 0.42 1.43267 0.70 0.15615 0.20 1.64 0.71610 0.33 1.85510 0.20 1.02653 1.00 0.01137 0.42 1.43309 0.72 0.15627 0.22 1.64 0.71650 0.35 1.85522 0.20 1.02713 0.98 0.01162 0.43 1.43352 0.72 0.15640 0.22 1.64 0.71671 0.33 1.85534 0.22 1.02772 1.00 0.01188 0.42 1.43352 0.72 0.15666 0.22 1.64 0.71671 0.35 1.85547 0.20 1.02832 1.00 0.01213 0.42 1.43438 0.72 0.15666 0.22 1.64 0.71711 0.35 1.85549 0.20 1.02892 1.00 0.01213 0.42 1.43481 0.72 0.15679 0.22 1.65 0.71732 0.33 1.85583 0.22 1.02892 1.00 0.01238 0.42 1.43481 0.72 0.15679 0.22 1.65 0.71772 0.33 1.85583 0.22 1.03012 1.00 0.01289 0.42 1.43567 0.72 0.15692 0.22 1.65 0.71772 0.33 1.85583 0.22 1.03012 1.00 0.01289 0.42 1.43667 0.72 0.15705 0.22 9.65 0.71772 0.33 1.85608 0.20 1.03072 1.00 0.01314 0.42 1.43610 0.72 0.15718 0.22 8.65 0.71893 0.33 1.85645 0.20 1.0312 1.00 0.01383 0.43 1.43696 0.72 0.15745 0.22 6.71873 0.33 1.85645 0.20 1.0312 1.00 0.01305 0.42 1.43696 0.72 0.15745 0.22 6.71873 0.33 1.85645 0.20 1.03372 1.00 0.01305 0.42 1.43783 0.72 0.15745 0.22 6.71873 0.33 1.85645 0.20 1.03372 1.00 0.01415 0.42 1.43783 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03372 1.00 0.01415 0.42 1.43783 0.72 0.15745 0.22 6.71874 0.33 1.856645 0.20 1.03372 1.00 0.01415 0.42 1.43783 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03372 1.00 0.01415 0.42 1.43783 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03372 1.00 0.01440 0.43 1.43826 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03372 1.00 0.01440 0.43 1.43826 0.72 0.15745 0.22 6.71874 0.33 1.856645 0.20 1.03343 1.00 0.01466 0.42 1.43889 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03343 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03343 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 6.71874 0.33 1.85663 0.20 1.03343 1.00 0.01466 0.42 1.43890 0.72 0.15745 0.22 6.71874 0.23 1.03553 0.01516 0.42 1.43890 0.72 0.15784 0.22 6.71874 0.22 6.71874 0.23 1.03553 0.01516 0.42 1.43890 0.72 0.15784 0.22 6.71874 0.22 6.71874 0.23 1.03553 0.01516 0.42 1.43890 0.72 0.1578															
1-1	44														
46 0.71650 0.35	45	0.71630	0.33	1.85510	0.20	1.02653	1.00								
107107   1033   1-85647   0.20   1-02882   1-00   0-01213   0-42   1-43438   0-72   0-15666   0-22   1240   0-71711   0-35   1-85559   0-20   1-02892   1-00   0-01238   0-42   1-43481   0-72   0-15679   0-22   1150   0-71732   0-33   1-85583   0-22   1-02892   1-00   0-01238   0-42   1-43481   0-72   0-15692   0-22   10-71752   0-33   1-85583   0-22   1-03012   1-00   0-01289   0-42   1-43567   0-72   0-15705   0-22   0-71772   0-33   1-85696   0-20   1-03072   1-00   0-01314   0-42   1-43610   0-72   0-15718   0-22   0-717792   0-35   1-85608   0-20   1-03192   1-00   0-01314   0-42   1-43653   0-72   0-15731   0-23   0-71873   0-33   1-85632   0-22   1-03282   1-00   0-01380   0-42   1-43696   0-72   0-15745   0-22   0-71873   0-33   1-85632   0-22   1-03282   1-00   0-01300   0-42   1-43783   0-73   0-15758   0-22   0-71873   0-33   1-85645   0-20   1-03312   1-00   0-01415   0-42   1-43783   0-73   0-15758   0-22   1-03282   1	46														
49 0.71711 0.35 1.85589 0.20 1.02892 1.00 0.01238 0.42 1.43481 0.72 0.15679 0.22 11   50 0.71732 0.33 1.85583 0.22 1.03012 1.00 0.01263 0.43 1.43524 0.72 0.15692 0.22 10   51 0.71752 0.33 1.85583 0.22 1.03012 1.00 0.01289 0.42 1.43567 0.72 0.15705 0.22 9   52 0.71772 0.33 1.85596 0.20 1.03072 1.00 0.01314 0.42 1.43610 0.72 0.15718 0.22 8   53 0.71792 0.35 1.85608 0.20 1.03192 1.00 0.01339 0.43 1.43653 0.72 0.15731 0.23 7   54 0.71813 0.33 1.85662 0.20 1.03192 1.00 0.01365 0.42 1.43696 0.72 0.15731 0.22 8   55 0.71838 0.33 1.85632 0.22 1.03252 1.00 0.01365 0.42 1.43789 0.73 0.15758 0.22 6   56 0.71853 0.33 1.85645 0.20 1.03192 1.00 0.01415 0.42 1.43783 0.72 0.15771 0.22 4   57 0.71873 0.35 1.85667 0.20 1.03312 1.00 0.01415 0.42 1.43783 0.72 0.15771 0.22 4   58 0.71894 0.33 1.85665 0.20 1.03372 1.02 0.01440 0.43 1.43826 0.72 0.15784 0.22 3   58 0.71894 0.33 1.85663 0.20 1.03483 1.00 0.01466 0.42 1.43869 0.72 0.15797 0.22 2   58 0.71894 0.33 1.85681 0.20 1.03493 1.00 0.01491 0.42 1.43912 0.73 0.15810 0.22 1   59 0.71914 0.33 1.85681 0.20 1.03493 1.00 0.01491 0.42 1.43912 0.73 0.15810 0.22 1   50 0.71934 1.85693 1.03553 0.01516 1.43956 0.15823 0.15820 0.15823    Cos. D.1". Log Cos. D.1". Cos. D.1". Log Cot. D.1". Cosec. D.1". Log Cosec. D.1".	47														
51 0-71752 0:33 1-85583 0:22 1.03012 1:00 0:01289 0:42 1:43567 0:72 0:15705 0:22 8 52 0.71772 0:33 1-85596 0:20 1:03072 1:00 0:01314 0:42 1:43610 0:72 0:15718 0:22 8 53 0-71792 0:35 1-85608 0:20 1:03132 1:00 0:01339 0:43 1:43653 0:72 0:15731 0:23 7 54 0-71813 0:33 1-85620 0:20 1:03192 1:00 0:01365 0:42 1:43696 0:72 0:15745 0:22 6 55 0-71838 0:33 1-85635 0:22 1:03252 1:00 0:01390 0:42 1:43789 0:73 0:15745 0:22 6 56 0-71853 0:33 1-85645 0:20 1:03312 1:00 0:01415 0:42 1:43783 0:72 0:15771 0:22 4 57 0:71873 0:35 1-85657 0:20 1:03372 1:02 0:01440 0:43 1:43826 0:72 0:15784 0:22 3 58 0:71894 0:33 1-85669 0:20 1:03438 1:00 0:01466 0:42 1:43869 0:72 0:15784 0:22 3 59 0:71914 0:33 1-85681 0:20 1:03498 1:00 0:01491 0:42 1:43912 0:73 0:15810 0:22 1 60 0:71934 1-85693 1:03553 0:01516 1:43956 0:15823 0  COS. D.1". Log Cos. D.1". Cosc. D.1". Log Cosc. D.1". Log Cosc. D.1".					0.20			0.01238	0.42		0.72	0.15679	0.22	11	
61       0.71752       0.33       1.85583       0.22       1.03012       1.00       0.01289       0.42       1.43667       0.72       0.15718       0.22       8         52       0.71772       0.33       1.85608       0.20       1.03072       1.00       0.01314       0.42       1.43610       0.72       0.15718       0.22       8         53       0.71792       0.35       1.85608       0.20       1.03192       1.00       0.01330       0.43       1.43653       0.72       0.15731       0.23       7         54       0.71818       0.33       1.85620       0.20       1.03192       1.00       0.01305       0.42       1.43696       0.72       0.15745       0.22       6         55       0.71838       0.33       1.85632       0.22       1.03252       1.00       0.01390       0.42       1.43739       0.73       0.15758       0.22       5         56       0.71873       0.35       1.85645       0.20       1.03312       1.00       0.01415       0.42       1.43783       0.72       0.15771       0.22       4         57       0.71873       0.35       1.856657       0.20       1.03433       1.00	50		0.33						-						
52 0.71172 0.35 1.85608 0.20 1.03192 1.00 0.01339 0.43 1.43653 0.72 0.15731 0.23 7   54 0.71818 0.33 1.85620 0.20 1.03192 1.00 0.01365 0.42 1.43696 0.72 0.15745 0.22 6   55 0.71838 0.33 1.85632 0.22 1.03252 1.00 0.01390 0.42 1.43739 0.73 0.15758 0.22 5   56 0.71853 0.33 1.85645 0.20 1.03812 1.00 0.01415 0.42 1.43783 0.72 0.15771 0.22 4   57 0.71873 0.35 1.85657 0.20 1.03872 1.02 0.01440 0.43 1.43826 0.72 0.15784 0.22 3   58 0.71894 0.33 1.85669 0.20 1.03438 1.00 0.01466 0.42 1.43889 0.72 0.15797 0.22 3   59 0.71914 0.33 1.85681 0.20 1.03493 1.00 0.01466 0.42 1.43912 0.73 0.15810 0.22 1   50 0.71934 1.85693 1.03553 0.01516 1.43956 0.15823 0.15823 0.15820 0.71934 1.85693 1.03553 0.01516 1.43956 0.15823 0.15823 0.15820 0.15823 0.15820 0.15824 0.178	51														
54 0.71813 0.33 T.85620 0.20 1.03192 1.00 0.01305 0.42 1.43696 0.72 0.15745 0.22 6 55 0.71833 0.33 T.85632 0.22 1.03252 1.00 0.01390 0.42 1.43739 0.73 0.15758 0.22 5 56 0.71853 0.33 1.85645 0.20 1.03812 1.00 0.01415 0.42 1.43783 0.72 0.15771 0.22 4 57 0.71873 0.35 1.85657 0.20 1.03872 1.02 0.01440 0.43 1.43826 0.72 0.15771 0.22 4 58 0.71894 0.33 T.85669 0.20 1.03433 1.00 0.01466 0.42 1.43869 0.72 0.15797 0.22 2 59 0.71914 0.33 T.85681 0.20 1.03493 1.00 0.01491 0.42 1.43912 0.73 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0.15810 0.22 1 60 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.15810 0												0.15731	0.23		
10.71858 0.33 1.85645 0.20 1.03812 1.00 0.01415 0.42 1.43783 0.72 0.15771 0.22 4.57 0.71878 0.35 1.85645 0.20 1.03872 1.02 0.01440 0.48 1.43826 0.72 0.15784 0.22 8.58 0.71894 0.33 1.85669 0.20 1.03848 1.00 0.01466 0.42 1.43869 0.72 0.15797 0.22 8.59 0.71914 0.33 1.85681 0.20 1.03848 1.00 0.01491 0.42 1.43812 0.73 0.15810 0.22 1.03848 1.03 0.01516 1.43956 0.15823 0.15826 0.71934 1.03553 0.01516 1.43956 0.15823 0.15826 0.15828 0.178 0.1	54							0.01365	0.42					6	
56 0-7183 0-35 1-85657 0-20 1-03372 1-02 0-01440 0-43 1-43826 0-72 0-15784 0-22 3 5-8 0-71894 0-33 1-85669 0-20 1-03372 1-00 0-01466 0-42 1-43869 0-72 0-15797 0-22 2 5-9 0-71914 0-33 1-85681 0-20 1-03493 1-00 0-01491 0-42 1-43812 0-73 0-15810 0-22 1 0-03493 1-00 0-01491 0-42 1-43912 0-73 0-15810 0-22 1 0-03493 1-00 0-01516 1-43956 0-15823 0-01582 1 0-03553 0-01516 1-43956 0-15823 0-01582 1 0-03553 0-01516 1-03553 0-01516 1-03553 0-015823 0-	55	0.71833													
58 0.71894 0.33 T.85669 0.20 1.03438 1.00 0.01466 0.42 1.43869 0.72 0.15797 0.22 2 59 0.71914 0.33 T.85681 0.20 1.03498 1.00 0.01491 0.42 1.43912 0.73 0.15810 0.22 1 0.00 0.71934 T.85693 1.03553 0.01516 1.43956 0.15823 0.015810 0.22 1 0.03553 0.01516 1.43956 0.15823 0.015823 0.015829 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	56													1 .	
59 0·71914 0·33 1·85681 0·20 1·03493 1·00 0·01491 0·42 1·43912 0·73 0·15810 0·22 1 60 0·71934 1·85693 1·03553 0·01516 1·43956 0·15823 0    Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".     Properties of the 'Co-' Functions must be subtracted. 44								0.01466	0.42	1.43869	0.72	0.15797	0.22	2	
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".							1.00	0.01491	0.42	1.43912	0.73		0.22	1	
Proportional Parts of the 'Co-' Functions must be subtracted.	60	0.71934		T-85693		1.03553		0.01516		1.43956				0	
Proportional Parts of the 'Co-' Functions must be subtracted.  Proportional Parts of the other Functions must be added.  275	egprunnin	Cos.	D. 1"												
			-	Proporti Propo	onal I	Parts of the Parts of	c 'Co the of	' Functio	ns mu tions n	st be subt rust be ac	racted. Ide <b>d.</b>	•	275	44	

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	10.1".	Sec.	D. 1".	Log Sec.	D.1".	7
0	0.71934	0.33	1.85693	0.22	1.03553	1.00	0.01516	0.43	1.43956	0.72	0.15823	0.22 6	30
ĭ	0.71954	0.33	1.85706	0.20	1.03613	1.02	0.01542	0.42	1.43999	0.72	0.15836	: 1 -	59
2	0.71974	0.35	1.85718	0.20	1.03674	1.00	0.01567	0.42	1-44045	0.73	0.15849	- 1 -	8
3	0.71995	0.33	1.85730	0.20	1.03734	1.00	0.01592	0.42	1.44086	0.72	0.15862	0.22 5	57
4	0.72015	0.33	1.85742	0.20	1.03794	1.02	0.01617	0.43	1-44129	0.73	0.15875		66
б	0.72035	0.33	1.85754	0.20	1.03855	1.00	0.01643	0.42	1.44173	0.73	0.15888	0.23 5	55
6	0.72055	0.33	1.85766	0.22	1.03915	1.02	0.01668	0.42	1-44217	0.72	0.15902		34
7	0.72075	0.33	1.85779	0.20	1.03976	1.00	0.01693	0.43	1.44260	0.73	0.15915		18
8	0.72095	0.35	1.85791	0.20	1.04036	1.02	0.01719	0.42	1-44304	0.72	0.15928		52
9	0.72116	0.33	1.86808	0.20	1.04097	1.02	0.01744	0-12	1.44347	0.73	0.15941	0.22 5	11
10	0.72136	0.33	1.85815	0.20	1.04158	1.00	0.01769	0.42	1.44391	0.73	0.15954	0.22 5	50
îi	0.72156	0.33	1.85827	0.20	1.04218	1.02	0.01794	0.43	1.44435	0.73	0.15967		19
12	0.72176	0.33	1.85839	0.20	1.04279	1.02	0.01820	0.42	1-44479	0.73	0.15980		18
13	0.72196	0.33	1.85851	0.22	1.04340	1.02	0.01845	0.42	1-44523	0.73	0.15994	0.22 4	17
1.4	0.72216	0.33	1.85864	0.20	1.04401	1.00	0.01870	0.43	1-44567	0.72	0.16007	0.22   4	16
15	0.72236	0.35	1.85876	0.20	1.04461	1.02	0.01896	0.42	1-44610	0.73	0.16020	0.22   4	l 5
16	0.72257	0.33	1.85888	0.20	1.04522	1.02	0.01921	0.42	1-44654	0.73	0.16033		14
17	0.72277	0.33	1.85900	0.20	1.04583	1.02	0.01946	0.42	1-44698	0.73	0.16046		18
18	0.72297	0.33	1.85912	0.20	1.04644	1.03	0.01971	0.43	1-44742	0.70	0.16060		12
19	0.72317	0.33	1.85924	0.20	1.04705	1.02	0.01997	0.42	1-44787	0.73	0.16073	0.22 4	11
20	0.72337	0.33	1.85936	0.20	1.04766	1.02	0.02022	0.42	1-44831	0.73	0.16086	0.22 4	10
21	0.72857	0.38	1.85948	0.20	1.04827	1.02	0.02047	0.43	1-44875	0.73	0.16099	0.28 8	39
22	0.72377	0.88	1.85960	0.20	1.04888	1.02	0.02078	0.42	1-44919	0.73	0.16113		38
23	0.72397	0.38	1.85972	0.20	1-0-1949	1.02	0.02098	0.42	1-44968	0.73	0.16126		37
24	0.72417	0.88	1.85984	0.20	1.05010	1.03	0.02123	0.48	1-45007	0.75	0.16139	0.55 8	36
25	0.72487	0.83	T-85996	0.20	1.05072	1.02	0.02149	0-42	1-45052	0.73	0.16152	0.23 3	35
26	0.72457	0.88	1.86008	0.20	1.05133	1.02	0.02174	0.42	1-45096	0.75	0.16166		34
27	0.72477	0.33	1.86020	0.20	1.05194	1.02	0.02199	0-42	1-45141	0.78	0.16179		38
28	0.72407	0.33	1.86032	0.20	1.05255	1.03	0.02224	0.43	1-45185	0.73	0.16192		32
29	0.72517	0.33	1.86044	0.20	1.05317	1.02	0.02250	0.15	1.49238	0.75	0-16205	0.28 3	31
30	0.72537	0.88	1.86056	0.20	1.05378	1.02	0.02275	0.12	1.40374	0.73	0.16219		30
31	0.72557	0.38	1.86068	0.20	1.05439	1.03	0.02300		1-45319	0.73	0.16282		29
82	0.72577	0.33	1.86080	0.20	1.05501	1.02	0.02326		1.46363	0.75	0.16246		28
33	0.72597	0.33	T-86092	0.20	1.05562	1.08	0.02851	0.43	1.45408	0.73	0-16259		27
84	0.72617	0.33	1.86104	0.20	1.05024	1.02	0.02876	0.43	1-45452	0.75	0 16272	i i	26
35	0.72687	0.88	T-86116	0.20	1.05685	1.03	0.02402	0.42	1-45497	0.75	0-16285		25
36	0.72657	0.33	1.86128	0.20	1.05747	1.03	0.02427	0.42	1-45542	0.75	0-16209		24
37	0.72677	0.33	T-86140	0.20	1.05809	1.02	0.02452	0.43	1.45587	() 73	0.16312		23
38	0.72697	0.33 0.33	1.86152 $1.86164$	0.20	1.05870	1.08 1.08	0.02477	0.43	1-45631	0.78 0.78	0 16326 0 16339		32 21
89	0.72717												ı
40	0.72737	0.33	1.86176	0.20	1.05994	1.08	0.02528	0.42	1-45721	0.75	0-16352		20
41	0.72757	0.88	1.86188	0.20	1-06056	1.02 1.03	0.02558	0.48	1.45700	0.75	0 16366		$19 \mid 18 \mid$
43	0.72777	0.33	1.86200 1.86211	0·18 0·20	1.06179	1.03	0.02804	0.42	1 45856	075	0.16392		17
44	0.72817	0.33	1 86228	0.20	1.00241	1.03	0.02639	0.43	1-45901	0.75	0-16406		î
l .	1											į.	- 1
46	0·72837 0·72857	0.88 0.88	1.86285 1.86247	0.20	1.06365	1-03 1-03	0.02655	0.42	1-45946	0.77	0 16419		15 14
47	0.72867	0.88	1.86269	0.20	1.06427	1.03	0.02705	0.43	1.46037	0.75	0-16446		18
48	0.72897	0.88	1.86271		1.06489	1.03	0.02731	0.42	1 46082	0.75	0 16460		12
49			1.86288		1.05551	1.08	0.02756		1-46127	0.77	0 16473		11
50	0.72937	0.88	T-86295	0.18	1-06613	1.05	0.02781	0 43	1.46178	0.75	0.16487		10
	0.72957	0.32	1.86806	0.10	1.06676	1.03	0.02161	0.42	1-46218	0.75	0.16500	0.23	20
52	0.72976	0.33	1.86818	0.20	1.00788	1.03	0.02882	0.42	1.46263	0.77	0-16514	0.22	8
58	0.72996	0.88	1.86880	0.20	1.06800	1.03	0.02857	0.42	1.46309	0.75	0.16527	0.23	7
54	0.73016	0.88	1.86842	0.20	1.06862	1.05	0.02882	0.43	1-46354	0.77	0.16541	0.22	6
55		0.33	Ĩ-86354	0.20	1.06925	1.08	0.02908	0.42	1-46400	0.75	0 16554	0.23	5
56		0.33	T-86366	0.18	1 06987	1.03	0.02933	0.42	1-46445	0.77	0.16568	0.22	4
57	1	0.88	1.86377	0.20	1.07049	1.05	0.02958	0.48	1.46491	0.77	0-16581	0.23	8
58		0.33	1.86389	0.20	1.07112	1.03	0.02984	0.42	1.46537	0.75	0-16595	0.22	2
59	0.78116	0.32	1.86401	0.20	1.07174	1.05	0.03009	0.42	1.46582	077	0.16608	0.23	1
160	0.78185		T-86413		1.07287		0.03084		1.46628		0.16622	1	0
30000000	- And desire the second desirement of the contract of the cont	T's #!	BASE SHARMAN AND THE LOSS OF SHARM	and a second	EAST AND THE STREET	eaten, existe with	***	7 mm -	propose are no province a	9 TO 188	a to supply the part of the	anner meratan	:- 120ml##1@4
	Cos.	D, 1".	Log Cos.	D. 1",	Cot.	D. 1".	Log Cot.	13, 1",	Cosec,	D. 1".	Log Cosec.	D. 1".	

					<del>,</del>	0110	****		,	1511	LOC		<del>,</del>
	Sinc.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.73135	0.33	1.86413	0.20	1.07237	1.03	0.03034	0.43	1.46628	0.77	0.16622	0.22	
1 2	$0.73155 \\ 0.73175$	$0.33 \\ 0.33$	1.86425 1.86436	0·18 0·20	1.07299 1.07362	$1.05 \\ 1.05$	0.03060 0.03085	$0.42 \\ 0.42$	1.46674	0.75	0.16635	0.23	
3	0.73175	0.33	1.86448	0.20	1.07425	1.03	0.03035	0.42	1.46719 1.46765	0·77 0·77	0.16649 0.16662	$0.22 \\ 0.23$	58 57
4	0.73215	0.32	Ī-86460	0.20	1.07487	1.05	0.03136	0.42	1.46811	0.77	0.16676	0.23	56
5	0.73234	0.33	<b>T</b> ·86472	0.18	1.07550	1.05	0.03161	0.42	1.46857	0.77	0.16690	0.22	55
6	0.73254	0.33	I-86483	0.20	1.07613	1.05	0.03186	0.43	1.46903	0.77	0.16703	0.23	54
7 8	$0.73274 \\ 0.73294$	$0.33 \\ 0.33$	1.86495 1.86507	$0.20 \\ 0.18$	1.07676 1.07738	$\frac{1.03}{1.05}$	0.03212 0.03237	$0.42 \\ 0.42$	1.46949	0.77	0.16717	0.22	53 52
9	0.73234	0.33	T-86518	0.20	1.07801	1.05	0.03262	0.43	1.46995 1.47041	0·77 0·77	$0.16730 \\ 0.16744$	$0.23 \\ 0.23$	51
10	0.73333	0.33	T-86530	0.20	1.07864	1.05	0.03288	0.42	1.47087	0.78	0.16758	0.22	50
11.	0.73353	0.33	1.86542	0.20	1.07927	1.05	0.03313	0.42	1.47134	0.77	0.16771	0.23	49
12	0.73373	0.33	1.86554	0.18	1.07990	1.05	0.03338	0.43	1.47180	0.77	0.16785	0.22	48
13 14	0.73393 0.73413	$0.33 \\ 0.32$	1.86565 1.86577	$0.20 \\ 0.20$	1.08053 1.08116	$\substack{1.05 \\ 1.05}$	0.03364 0.03389	$0.42 \\ 0.42$	$1.47226 \\ 1.47272$	0·77 0·78	$0.16798 \\ 0.16812$	$0.23 \\ 0.23$	47
15				0.18	1.08179			0.43	ľ				1
16	$0.73432 \\ 0.73452$	0.33 0.33	1.86589 1.86600	0.18	1.08243	$1.07 \\ 1.05$	0.03414 0.03440	0.43	1.47319 1.47365	0·77 0·77	0.16826 0.16839	$0.22 \\ 0.23$	45
17	0.73472	0.32	1.86612	0.20		1.05	0.03465	0.42	1.47411	0.78	0.16853	0.23	$\hat{43}$
18	0.73491	0.33	1.86624	0.18	1.08369	1.05	0.03490	0.43	1.47458	0.77	0.16867	0.22	42
19	0.73511	0.33	1.86635	0.20	1.08432	1.07	0.03516	0.42	1.47504	0.78	0.16880	0.23	41
20	0.73531	0.33	1.86647	0.20	1.08496	1.05	0.03541	0.43	1.47551	0.78	0.16894	0.23	40
21	0.73551	$0.32 \\ 0.33$	1.86659 1.86670	0·18 0·20	1.08559 1.08622	$1.05 \\ 1.07$	0.03567 0.03592	$0.42 \\ 0.42$	1.47598 1.47644	0·77 0·78	0.16908 0.16922	$0.23 \\ 0.22$	39 38
23	0.73590	0.33	1.86682	0.20	1.08686	1.05	0.03617	0.43	1.47691	0.78	0.16935	0.23	37
54	0.73610	0.32	1.86694	0.18	1.08749	1.07	0.03643	0.42	1.47738	0.77	0.16949	0.23	36
25	0.73629	0.33	1.86705	0.20	1.08813	1.05	0.03668	0.42	1.47784	0.78	0.16963	0.23	35
26	0.73649	0.33	1.86717	0.18	1.08876	1.07	0.03693	0.43	1.47831	0.78	0.16977	0.22	34
$\frac{27}{28}$	0.73669	$0.32 \\ 0.33$	$1.86728 \\ 1.86710$	$0.20 \\ 0.20$	1.08940 1.09003	$\frac{1.05}{1.07}$	0.03719 0.03744	$0.42 \\ 0.42$	1·47878 1·47925	0·78 0·78	$0.16990 \\ 0.17004$	$0.23 \\ 0.23$	$\begin{vmatrix} 33 \\ 32 \end{vmatrix}$
29	0.73708	0.33	1.86752	0.18	1.09007	1.07	0.03769	0.43	1.47972	0.78	0.17018	0.23	31
30	0.73728	0.32	1.86763	0.20	1.09131	1.07	0.03795	0.42	1.48019	0.78	0.17032	0.22	30
31	0.73747	0.33	1.86775	0.18	1.09195	1.05	0.03820	0.42	1.48066	0.78	0.17045	0.23	29
32	0.73767	0.33	1.86786	0.20	1.09258	1.07	0.03845	0.43	1.48113	0.78	0.17059	0.23	28
33 34	0.73787	$0.32 \\ 0.33$	1.86798 1.86809	$0.18 \\ 0.20$	1.09322 1.09386	$1.07 \\ 1.07$	0.03871 $0.03896$	$\begin{array}{c} 0.42 \\ 0.43 \end{array}$	1.48160 1.48207	0·78 0·78	0.17073 $0.17087$	$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	$\begin{bmatrix} 27 \\ 26 \end{bmatrix}$
35	0.73820	0.33	1.86821	0.18	1.09450	1.07	0.03922	0.42	1.48254	0.78	0.17101	0.23	25
36	0.73846	0.32	1.80832	0.20	1.09514	1.07	0.03947	0.42	1 48301	0.80	0.17115	0.22	24
37	0.73865	0.33	1.86844	0.18	1.09578	1.07	0.03972	0.43	1.48349	0.78	0.17128	0.23	23
38	0.73885	0.32	1.80855	0.20	1.09642 1.09706	$1.07 \\ 1.07$	0.03998 0.04023	$0.42 \\ 0.42$	1.48396	0.78	0.17142	$0.23 \\ 0.23$	22
39	0.73904	0.33	1.80867	0.20	ł				1.48443	0.80	0.17156		21
40	$0.73924 \\ 0.73944$	$0.33 \\ 0.32$	1.80879 1.86890	0.18	1.09770 1.09834	$1.07 \\ 1.08$	0.04048 0.04074	$0.43 \\ 0.42$	1.48491 1.48538	0·78 0·80	$0.17170 \\ 0.17184$	$0.23 \\ 0.23$	$\begin{bmatrix} 20 \\ 19 \end{bmatrix}$
43	0.78963	0.33	1.86902	0.18	1.09899	$\hat{1} \cdot 07$	0.04099	0.43	1.48586	0.78	0.17198	0.23	18
43	0.73983	0.32	1.86913	0.18	1.09963	1.07	0.04125	0.42	1.48633	0.80	0.17212	0.22	17
4.1	0.74002	0.33	1.86924	0.20	1.10027	1.07	0.04150	0.42	1.48681	0.78	0.17225	0 23	16
45	0.74022	0.32	1.86936	0.18	1.10091 1.10156	1·08 1·07	0.04175 $0.04201$	$0.43 \\ 0.42$	1.48728 1.48776	0·80 0·80	$0.17239 \\ 0.17253$	$0.23 \\ 0.23$	15 14
46	$0.74041 \\ 0.74061$	0.33 0.32	1.86947 1.86959	0.18	1.10220	1.07	0.04201	0.43	1.48824	0.78	0.17267	0.23	13
48	0.74080	0.33	1.86970	0.20	1.10285	1.07	0.04252	0.42	1.48871	0.80	0.17281	0.23	12
49	0.74100	0.33	1.86982	0.18	1.10349	1.08	0.04277	0.42	1.48919	0.80	0.17295	0.23	11
50	0.74120	0.32	1.86993	0.20	1.10414	1.07	0.04802	0.43	1.48967	0.80	0.17309	0.23	10
51	0.74139	0.33	1.87005	0·18 0·20	1.10478 1.10543	1.08 1.07	0·04328 0·04353	$0.42 \\ 0.42$	1.49015	0·80 0·80	0.17323 0.17337	$\begin{array}{c} 0.23 \\ 0.23 \end{array}$	9 8
52 53	$0.74159 \\ 0.74178$	0·82 0·83	1.87016 1.87028	0.18	1.10043	1.08	0.04378	0.43	1.49111	0.80	0.17351	0.23	7
54	0.74198	0.32	1.87039	0.18	1.10672	1.08	0.04404	0.42	1.49159	0.80	0.17365	0.23	6
55	0.74217	0.33	1.87050	0.20	1.10737	1.08	0.04429	0.43	1.49207	0.80	0.17379	0.23	5
50	0.74237	0.32	1.87062	0.18	1.10802	1.08	0.04455	0.42	1.49255	0.80	0.17393	0.23	4
57 58	0.74256	0·33 0·32	1.87073 1.87085	0·20 0·18	1.10867 1.10981	$1.07 \\ 1.08$	0.04480	0·42 0·43	1.49303 1.49351	0.80 0.80	0.17407 0.17421	$0.23 \\ 0.23$	3 2
59	0.74295	0.82	1.87096	0.18	1.10096	1.08	0.04581	0.42	1.49399	0.82	0.17435	0.23	ĩ
60	0.74814		1.87107		1.11061		0.04556		1.49448		0.17449		0
	Bandon - Frequencia (16 de)	1) 1"	Log Cos.	D. 1"	Cot.	D. 1"	Log Cot.	D. 1".		D. 1".	Log Cosec.	D, 1".	,
	Cos.	<i>**</i>	ANG COM	***			Dog Cot.		4 1				

			140717								<b>LUG</b> 3
'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	1). 1".	Log Tan.	D. 1". Sec.	D. 1"	. Log Sec.	D. 1".
0 1 2 3 4	0.74314 0.74334 0.74353 0.74373 0.74392	0·33 0·32 0·33 0·32 0·33	1.87107 1.87119 1.87130 1.87141 1.87153	0·20 0·18 0·18 0·20 0·18	1.11061 1.11126 1.11191 1.11256 1.11321	1·08 1·08 1·08	0.04556 0.04582 0.04607 0.04632 0.04658	043   149448 042   149196 042   149544 043   149593 042   149641	0.80 0.80 0.82 0.80 0.82	0.17463 $0.17477$	$ \begin{array}{c cccc} 0.23 & 59 \\ 0.23 & 58 \\ 0.23 & 57 \end{array} $
5 6 7 8 9	0.74412 0.74431 0.74451 0.74470 0.74489	0·32 0·33 0·32 0·32 0·33	T-87164 T-87175 T-87187 T-87198 T-87209	0·18 0·20 0·18 0·18 0·20	1.11387 1.11452 1.11517 1.11582 1.11648		0.04683 0.04709 0.04734 0.04760 0.04785	043 149690 042 149738 043 149787 042 149835 042 149884	0-80 0-82 0-80 0-82 0-82	0·17519 0·17533 0·17547 0·17561 0·17576	0.23 55
10 11 12 13 14	0.74509 0.74528 0.74548 0.74567 0.74586	0·32 0·33 0·32 0·32 0·33	1.87221 1.87232 1.87243 1.87255 1.87266	0·18 0·18 0·20 0·18 0·18	1.11713 1.11778 1.11844 1.11909 1.11975	1.08 1.10 1.08 1.10 1.10	0.04810 0.04836 0.04861 0.04887 0.04912	0-43 1-49933 0-42 1-49981 0-43 1-50030 0-42 1-50079 0-43 1-50128	0-80 0-82 0-82 0-82 0-82	0-17590 0-17604 0-17618 0-17632 0-17646	0·23 50 0·23 49 0·23 48 0·23 47 0·23 46
15 16 17 18 19	0.74606 0.74625 0.74644 0.74664 0.74683	0·32 0·33 0·33 0·32 0·33	1.87277 1.87288 1.87300 1.87311 1.87322	0·18 0·20 0·18 0·18 0·20	1.12041 1.12106 1.12172 1.12238 1.12303	1·08 1·10 1·10 1·08 1·10	0-04938 0-04963 0-04988 0-05014 0-05039	0-42   1-50177 0-42   1-50226 0-43   1-50275 0-42   1-50324 0-43   1-50373	0-82 0-82 0-82 0-82 0-82	0-17660 0-17674 0-17689 0-17703 0-17717	0.23 45 0.25 44 0.23 48 0.23 42 0.23 41
20 21 22 23 24	0.74703 0.74722 0.74741 0.74760 0.74780	0·32 0·32 0·32 0·33 0·33	T-87334 T-87345 T-87356 T-87367 T-87378	0·18 0·18 0·18 0·18 0·20	1·12369 1·12435 1·12501 1·12567 1·12633	1·10 1·10 1·10 1·10 1·10	0-05065 0-05090 0-05116 0-05141 0-05166	0-42 1-50422 0-43 1-50471 0-42 1-50570 0-43 1-50619	0 82 0 83 0 82 0 82 0 83	0-17731 0-17745 0-17760 0-17774 0-17788	0-23 40 0-25 39 0-23 38 0-23 37 0-23 36
25 26 27 28 29	0.74799 0.74818 0.74838 0.74857 0.74876	0·32 0·33 0·32 0·32 0·33	T-87390 1-87401 1-87412 1-87423 T-87434	0·18 0·18 0·18 0·18 0·20	1·12099 1·12765 1·12831 1·12897 1·12963	1·10 1·10 1·10 1·10 1·10	0.05192 0.05217 0.05243 0.05268 0.05294	0-42   1 50669 0-43   1 50718 0-42   1 50707 0-43   1 50817 0-42   1 50866	0 82 2 8 0 8 8 0 8 8 0 2 8 0	0 17802 0 17816 0 17831 0 17845 0 17859	0.23 35 0.25 34 0.23 33 0.23 32 0.25 31
30 31 32 33 34	0.74896 0.74915 0.74934 0.74953 0.74973	0·32 0·32 0·32 0·33 0·32	T-87446 T-87457 T-87468 T-87479 T-87490	0·18 0·18 0·18 0·18 0·18	1-13029 1-13096 1-13162 1-13228 1-13295	1·12 1·10 1·10 1·12 1·10	0-05319 0-05345 0-05370 0-05396 0-05421	0-48 1-50916 0-42 1-10966 0-43 1-51015 0-42 1-51105 0-42 1-51115	0 83 0 82 0 83 0 83 0 83	0 17874 0 17888 0 17902 0 17916 0 17931	0-23 30 0-23 29 0-23 28 0-25 27 0-23 26
85 36 87 38 39	0.74992 0.75011 0.75080 0.75050 0.75069	0·82 0·32 0·33 0·32 0·32	T-87501 T-87513 T-87524 T-87535 T-87546	0·20 0·18 0·18 0·18 0·18	1·18361 1·18428 1·18494 1·18561 1·18627	1:12 1:10 1:12 1:10 1:13	0-05446 0-05472 0-05497 0-05523 0-05548	048 151105 048 151215 048 151265 042 151314 048 151304	0 83 0 83 0 82 0 83 0 83 0 85	0-17945 0-17959 0-17974 0-17988 0-18002	0-23 25 0-25 24 0-25 28 0-25 21
40 41 42 48 44	0·75088 0·75107 0·75126 0·75146 0·75165	0·82 0·82 0·83 0·82 0·32	T-87557 1-87568 1-87579 T-87590 1-87601	0·18 0·18 0·18 0·18 0·20	1-18694 1-18761 1-18828 1-18894 1-18961	1-12 1-12 1-10 1-12 1-12	0 05574 0 05599 0 05625 0 05650 0 05676	0-42 1-51415 0-43 1-51465 0-43 1-51515 0-43 1-51565 0-42 1-51615	28 0 28 0 28 0 28 0 28 0	0 18017 0 18031 0 18045 0 18060 0 18074	0 23 20 0 23 19 0 25 18 0 23 17 0 25 16
45 46 47 48 49	0·75184 0·75203 0·75223 0·75241 0·75261	0.32 0.32 0.32 0.33 0.33	T-87618 f-87624 T-87635 T-87646 T-87657	0·18 0·18 0·18 0·18 0·18	1-14028 1-14095 1-14162 1-14229 1-14296	1-12 1-12 1-12 1-12	0-05701 0-05727 0-05752 0-05778 0-05803	043   151665 042   151716 043   151716 042   151817 043   151817	0 85 0 83 0 85 0 85 0 85	0 18089 0 18103 0 18118 0 18132 0 18146	0-23 15 0-25 14 0-23 18 0-23 12 0-25 11
50 51 52 53 54	0·75280 0·75299 0·75318 0·75337 0·75856	0·32 0·32 0·32 0·32 0·32	I·87668 I·87679 I·87690 I·87701 I·87712	0·18 0·18 0·18 0·18 0·18	1·14368 1·14430 1·14498 1·14565 1·14632	1-12 1-13 1-12 1-12 1-12	0-05829 0-05834 0-05880 0-05905 0-05931	0-42   1 51918 0-43   1 51968 0-43   1 52019 0-43   1 52069 0-42   1 52120	0 83 0 85 0 83 0 85 0 85	0 18161 0-18175 0 18190 0 18204 0 18219	0 23 10 0 25 9 0 23 8 0 25 7 0 23 6
55 56 57 58 59	0·75375 0·75395 0·75414 0·75433 0·75452	0·83 0·82 0·82 0·82 0·82	I·87728 I·87734 I·87745 I·87756 I·87767	0·18 0·18 0·18 0·18 0·18	1·14699 1·14767 1·14834 1·14902 1·14969	1·13 1·12 1·13 1·12 1·13	0-05956 0-05982 0-06007 0-06033 0-06038	0 43 1 52171 0 42 1 5222 0 43 1 52273 0 42 1 52323 0 43 1 52374	0 85 0 83 0 83 0 85 0 85	0 18288 84281 0 26281 0 77281 0 10281 0	0 25 5 0 23 4 0 25 3 0 23 2 0 25 1
60	0.75471	1 4 4 H	T-87778		1.15037	n harringgegen i e	0.08084	1-52425		0 18306	0
	Cos.	υ, Γ',	Log Cos.	D. 1".	Cot.	D. I",	Log Cut,	D. 1". Compe.	D. 1".	Letting C'un verter	11.1".

1 1	CIGOI				71. 1. (	) IAC	1101	120	X III	CIL	R LOG	·	49°
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	$0.75471 \\ 0.75490$	$\substack{0.32\\0.32}$	$\frac{1.87778}{1.87789}$	0·18 0·18	1·15037 1·15104	1.12	0.06084	0.42	1.52425	0.85	0.18306	0.23	60
2	0.75509	0.32	1.87800	0.18	1.15104 $1.15172$	$1.13 \\ 1.13$	0.06109 $0.06135$	$0.43 \\ 0.42$	$1.52476 \\ 1.52527$	0·85 0·87	$0.18320 \\ 0.18335$	$0.25 \\ 0.23$	59 58
3	0.75528	0.32	1.87811	0.18	1.15240	1.13	0.06160	0.43	1.52579	0.85	0.18349	0.25	57
4 5	0·75547 0·75566	$0.32 \\ 0.32$	$1.87822$ $\overline{1}.87833$	0·18 0·18	1.15308	1.12	0.06186	0.42	1.52630	0.85	0.18364	0.23	56
6	0.75585	0.32	T-87844	0.18	1.15375 $1.15443$	$1.13 \\ 1.13$	0.06211 $0.06237$	$\begin{array}{c} 0.43 \\ 0.42 \end{array}$	$1.52681 \\ 1.52732$	0·85 0·87	0.18378 0.18393	$0.25 \\ 0.25$	55 54
7	0.75604	0.32	T-87855	0.18	1.15511	1.13	0.06262	0.43	1.52784	0.85	0.18408	0.23	53
8	$0.75628 \\ 0.75642$	$\begin{array}{c} 0.32 \\ 0.32 \end{array}$	1.87866 T.87877	$0.18 \\ 0.17$	1.15579 $1.15647$	$1.13 \\ 1.13$	0.06288 0.06313	$0.42 \\ 0.43$	1.52835 1.52886	0·85 0·87	$0.18422 \\ 0.18437$	$0.25 \\ 0.23$	52 51
10	0.75661	0.32	1.87887	0.18	1.15715	1.13	0.06339	0.42	1.52938	0.85	0.18451	0.25	50
11 12	0.75680	0.33	I-87898	0.18	1.15783	1.13	0.06364	0.43	1.52989	0.87	0.18466	0.25	49
13	$0.75700 \\ 0.75719$	$0.32 \\ 0.32$	1.87909 1.87920	0·18 0·18	1.15851 $1.15919$	$1.13 \\ 1.13$	$0.06390 \\ 0.06416$	$0.43 \\ 0.42$	1.53041 1.53092	0·85 0·87	0.18481 0.18495	$\begin{array}{c} 0.23 \\ 0.25 \end{array}$	48 47
14	0.75738	0.30	1.87931	0.18	1.15987	1.15	0.06441	0.43	1.53144	0.87	0.18510	0.25	46
15 16	0.75756 0.75775	$0.32 \\ 0.32$	1.87942	0.18	1.16056	1.13	0.06467	0.42	1.53196	0.85	0.18525	0.23	45
17	0.75794	0.32	1.87953 $1.87964$	$0.180 \\ 0.18$	1.16124 $1.16192$	$\frac{1.13}{1.15}$	0.06492 0.06518	$0.43 \\ 0.42$	1.53247 $1.53299$	0·87 0·87	0.18539 0.18554	$0.25 \\ 0.25$	44
18	0.75813	0.32	1.87975	0.17	1.16261	1.13	0.06543	0.43	1.53351	0.87	0.18569	0.23	42
19	0.75832	0.32	1.87985	0.18	1.16329	1.15	0.06569	0.42	1.53403	0.87	0.18583	0.25	41
20 21	0.75851	$0.32 \\ 0.32$	1.87996 1.88007	0·18 0·18	1.16398 $1.16466$	$\frac{1.13}{1.15}$	0.06594	0.43	1.53455 1.53507	0·87 0·87	$0.18598 \\ 0.18613$	$0.25 \\ 0.25$	40 39
22	0.75889	0.32	1.88018	0.18	1.16535	1.13	0.06646	0.42	1.53559	0.87	0.18628	0.23	38
23 4	$0.75908 \\ 0.75927$	$0.32 \\ 0.32$	1.88029 1.88040	0.18	1.16603 $1.16672$	1·15 1·15	0.06671 0.06697	$0.43 \\ 0.42$	1.53611 1.53663	0·87 0·87	0.18642 $0.18657$	0·25 0·25	$\begin{vmatrix} 37 \\ 36 \end{vmatrix}$
25	0.75946	0.32	1.88051	0.17	1.16741	1.13	0.06722	0.43	1.53715	0.88	0.18672	0.23	35
26	0.75965	0.32	1.88061	0.18	1.16809	1.15	0.06748	0.42	1.53768	0.87	0.18686	0.25	34
27 28	0.75984	$0.32 \\ 0.32$	$\frac{1.88072}{1.88083}$	0.18	1.16878 $1.16947$	1·15 1·15	0.06773 0.06799	$0.43 \\ 0.43$	1.53820 $1.53872$	$0.87 \\ 0.87$	$0.18701 \\ 0.18716$	$0.25 \\ 0.25$	$\begin{vmatrix} 33 \\ 32 \end{vmatrix}$
29	0.76022	0.32	1.88094	0.18	1.17016	1.15	0.06825	0.42	1.53924	0.88	0.18731	0.25	31
30	0.760-11	0.32	1.88105	0.17	1.17085	1.15	0.06850	0.43	1.53977	0.87	0.18746	0.23	30
31 32	0.76059	$0.32 \\ 0.32$	$\frac{1.88115}{1.88126}$	0·18 0·18	$1.17154 \\ 1.17223$	1·15 1·15	0.06876 0.06901	0.42 0.43	1.54029 1.54082	0·88 0·87	0·18760 0·18775	0·25 0·25	29 28
33	0.76097	0.32	1.88137	0.18	1.17292	1.15	0.06927	0.42	1.54134	0.88	0.18790	0.25	27
34	0.76116	0.32	1.88148	0.17	1.17361	1.15	0.06952	0.43	1.54187	0.88	0.18805	0.25	26 25
35 36	0.76135	0.32 0.32	L-88158 L-88169	0·18 0·18	$1.17430 \\ 1.17500$	$\frac{1.17}{1.15}$	0.06978	0.43	1.54240 $1.54292$	0·87 0·88	0.18820 $0.18834$	$0.23 \\ 0.25$	24
37	0.76173	0.82	1.88180	0.18	1.17569	1.15	0.07029	0.43	1.54345	0.88	0.18849	0.25	23
38	0.76192 0.76210	0.30 0.32	1.88191 1.88201	$0.17 \\ 0.18$	1.17638 1.17708	$\frac{1.17}{1.15}$	0.07055	0·42 0·43	1.54398 1.54451	0·88 0·88	0·18864 0·18879	$0.25 \\ 0.25$	$\begin{bmatrix} 22 \\ 21 \end{bmatrix}$
40	0.76229	0.32	1.88212	0.18	1.17777	1.15	0.07106	0.43	1.54504	0.88	0.18894	0.25	20
41	0.70248	0.82	T-88223	0.18	1.17846	$1.17 \\ 1.17$	0.07132 $0.07157$	0.42	1.54557 1.54610	0·88 0·88	0.18909 0.18924	$0.25 \\ 0.25$	19 18
42	0.70207	0.32 0.30	1.88234 1.88244	$0.17 \\ 0.18$	1.17916 $1.17986$	1.15	0.07183	$0.43 \\ 0.42$	1.54663	0.88	0.18939	0.23	17
44	0.76804	0.32	1.88255	0.18	1.18055	1.17	0.07208	0.43	1.54716	0.88	0.18953	0.25	16
4.5	0.76323	0.82 0.82	1.88206 1.88276	0·17 0·18	1·18125 1·18194	1·15 1·17	0.07234 0.07260	0·43 0·42	1.54769 1.54822	0.88 0.90	0.18968 $0.18983$	$0.25 \\ 0.25$	15 14
46	0.76342	0.82	1.88287	0.18	1.18264	1.17	0.07285	0.43	1.54876	0.88	0.18998	0.25	13
48	0.76380	0.80	1.88298	0.17	1.18334	1.17	0.07311 0.07337	0.43		0.88	0.19013 0.19028	0.25	12 11
49	0.76398 0.76417	0.82	1.88308 T.88319	0.18	1·18404 1·18474	1.17	0.07362	0.43	1.55036	0.88	0.19028	0.25	10
50 51	0.76436	0.82	1.88330	0.17	1.18544	1.17	0.07388	0.42	1.55089	0.90	0.19058	0.25	9
52	0.76455	0.80	1.88340	0.18	1.18614	1.17	0.07413 0.07439	0.43	1.55143 1.55196	0.88 0.88	0.19073 0.19088	0·25 0·25	8
53 54	0.76478	$0.32 \\ 0.32$	1.88351 $1.88362$	0·18 0·17	1·18684 1·18754	1·17 1·17	0.07439	0.43	1.55250	0.88	0.19103	0.25	6
55	0.76511	0.32	1.88372	0.18	1.18824	1.17	0.07490	0.43	1.55303	0.90	0.19118	0.25	5
56	0.76530	0.80	1.88888	0.18	1.18894	$1.17 \\ 1.18$	0.07516 0.07542	0·43 0·42	1.55357	0.90	0.19133 0.19148	0·25 0·25	3
57 58	0.76548	0·32 0·32	1.88394 1.88404	0.17	1.18964 $1.19035$	1.17	0.07567	0.43	1.55465	0.88	0.19163	0.25	2
28	0.76586	0.80	1.88415	0.17	1.19105	1.17	0.07593	0.43	1.55518	0.90	0.19178	0.25	1
60	0.76604	operate the property of the contract of the co	I-88425	-CUSTO WINDOWS GOVERN	1.19175	gesson-repairates	0.07619		1.55572		0.19193	***	0
	Cos.	D. 1".	Log Cos.		Cot.		Log Cot.		Cosec.		Log Cosec.		
			Proportio	mal P	arts of th	e 'Co-	Function	ione m	it be subtr inst be ad	acted. ded.		279	40°
			x copor	e 61/6666	A (11 to U/	1110 001		11	70 000				

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,	Sine.	1). 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	1), 1".	Sec.	1), 1",	Log Sec.	D. 1".
0	0.76604	0.32	1.88425	0.18	1.19175	1.18	0.07619	0.42	1.55572	0.90	0.19193	0.25 60
ì	0.76623	0.32	1.88436	0.18	1.19246	1.17	0.07644	0.43	1.55626	0.90	0.19208	0.25 59
2	0.76642	0.82	1.88447	0.17	1.19316	1.18	0.07670	0.43	1.55680	0.90	0.19223	0.25 58
3	0.76661	0.80	1.88457	0.18	1.19387	1.17	0.07696	0.42	1.55734	0.92	0.19238	0.27 57
1	0.76679	0.32	1.88468	0.17	1.10457	1.18	0.07721	0.43	1.55789	0.90	0.19254	
4												0.25 56
5	0.76698	0.32	1.88478	0.18	1.19528	1.18	0.07747	0.43	1-55843	0.90	0.19269	0.25 55
6	0.76717	0.30	1.88489	0.17	1.10599	1.17	0.07773	0.42	1-55897	0.90	0.19284	0.25 54
7	0.76735	0.32	1.88499	0.18	149669	1.18	0.07798	0.43	1-55951	0.90	0.19299	0.25   53
8	0.76754	0.80	1.88510	0.18	1.19740	1.18	0.07824	0.43	1.56005	0.92	0.19314	0.25   52
9	0.76772	0.32	1.88521	0.17	1.19811	1.18	0.07850	0.42	1-56060	0.90	0.19329	0.25 51
		0.82	1.88531	0.18	1-19882	1.18	0.07875	0.43	1.56114	0.92	0.19344	
10	0.76791		1.88542	0.17	1-19953	1.18	0.07901	0.43	1-56169	0 90	0-19359	
11	0.76810	0.30		0.18	1.20024	1.18	0.07927	0.42	1 56223	0.92	0.19375	
12	0.76828	0.32	1.88552					0.43	1-56278	0 90		0.25 48
1.8	0.76847	0.82	1.88563	0.17	1.20095	1.18	0.07952				0.19390	0.25 47
14	0.76866	0.80	1.88573	0.18	1.20166	1.18	0.07978	0.43	1 56882	0.92	0-19405	0.25 40
15	0.76884	0.32	1.88584	0.17	1.20237	1.18	0.08004	0.42	1 56387	0.92	0.19420	0.25 48
10	0.76903	0.30	1.88594	0.18	1-20308	1.18	0.08020	0.43	1 56442	0.92	0-19435	0.25 4
17	0.76921	0.82	1.88605	0.17	1.20379	1.20	0.08055	0.43	1-56497	0.90	0.19450	0.27 43
18	0.76940	0.82	1.88615	0.18	1-20451	1.18	0.08081	0.43	1 50551	0.92	0 19466	0.25 4
19	0.76959	0.30	1.88626	0.17	1.20522	1.18	0.08107	0.42	1-56606	0.92	0-19481	0.25 4
1	1											1
20	0.76977	0.32	1.88636	0.18	1.20598	1.20	0.08132	0.43	1 50001	0.92	0-19496	0.25 40
21	0.76996	0.80	1.88647	0.17	1.20665	1.18	0.08158	0.43	1 50716	0.92	0 19511	0.27 39
22	0.77014	0.82	1.88657	0.18	1.20786	1.20	0.08184	0.42	1 56771	0.83	0.19527	0.39 31
23	0.77088	0.30	1.88668	0.17	1.20808	1.18	0-08209	0.43	1-56826	0.92	0-19549	0.25 3
24	0.77051	0.82	1.88678	0.17	1.20879	1.20	0-08235	0.43	1 50881	0.93	0 19557	0.25 3
25	0.77070	0.80	T-88688	0.18	1:20951	1.20	0.08261	0.43	1 56937	មួយ	0.19572	0.27 3
26	0.77088	0.82	1.88600	0.17	1.21023	1.18	0.08287	0.42	1 56992	0 92	0.19588	0 25 3
27	0.77107	0.80	1.88709	0.18	1-21094	1.20	0.08312	0.43	1 57047	0.93	0 19603	0.25 8
28	0.77125	0.83	1.88720	0.17	1-21166	1.20	0.08338	0.43	1 57103	0.92	0-19618	0.27 3
					1-21238	1.20	0.08364	0.43	1 57158	0.92	0-19634	
29	0.77144	0.30	1.88730	0.18								0.25 8
30	0.77162	0.83	1.88741	0.17	1.21310	1.20	0.08390	0.42	1.57213	0.93	0 19649	-0.25/3
31	0.77181	0.30	1.88751	0.17	1.21382	1-20	0.08415	0.43	1.57269	0.03	0.19664	0.27 2
32	0.77199	0.82	1.88761	0.18	1.21454	1.20	0.08441	0.43	1 57324	ti 113	0.19680	0.25 2
88	0.77218	0.80	1.88772	0.17	1.21526	1.20	0.08467	11 43	157380	0.93	0.10695	0.25 2
84	0.77230	0.82	1.88782	0.18	1-21598	1.20	0.08493	0 42	1 57436	0.92	0.19710	0.27 2
85	0.77255	0.30	1.88798	0.17	1-21670	1.20	0-0851R	0.43	1 57491	0 93	0.19726	0.25 2
36	0.77273	0.82	1-88803	0.17	1-21742	1.20	0.08544	0.43	1	0 93	0 19741	0.25 2
87	0.77292	0.30	1.88813	0.18	1-21814	1.20	0.08570	0.43	1	0 93	0 19756	0 27 3
		0.83		0.17		1.33	agako o	0.42	1 57659	0 93	0 19772	
88	0.77310		1.88824		1-21886							0.25 2
30	0.77329	0.30	1-88834	0.17	1-21959	1-20	0.08621	0 43		0 93	0 19787	0 27   2
40	0.77347	0.82	1.88844	0.18	1.22031	1.22	0.08647	11 43	1 57771	11 11 11	o tusoa	0 25 2
41	0.77866	0.80	1.88865	0.17	1-22104	1.20	0-08673	0 43	1 57827	11 93	ulunin	0.27 1
42	0.77884	0.80	1-88865	0.17	1-22176	1.22	0.08699	11:42	I STANG	RF \$1.3	0 19834	0.25 1
48	0.77402	0.32	1.88875	0.18	1-222411	1.20	0.08724	0.43	1 57939	11 HH	0 19849	0.25 1
44	0.77421	0.80	1.88888	0.17	1.222221	1.11.11	0.08750	0.42	4	0 93	0.10864	0.27 1
45	0.77489	0.82	1-88890	0.17	1-22394	1.22	0.08776	0.48	1 britis	u us	0.19880	0.25 1
46	0.77458	0.80	1.88900	0.18	1.22407	1.20			e ·		0 19895	0 27 1
•			1.88917				0-08802	0.43	9	0 93		
47	0.77476	0.30		0.17	1-22534	1.32	0.08828	0.42		44 11 11	0 19911	0.25 1
48	0.77494	0.82	1.88927	0.17	1-22612	1.22	D-UNNSA	0.43		11 11 11	0 19926	0 27 1
49	i		1.88987	i	1.22685	1-22	0.08879	0 43	1 AN277	លអ្ន	0-19943	0.25 [1
50	0.77531	0.83	1.88048	0.17	1.22758	1-22	а анапр	0 43	1 5%333	ម ម្ន	0 19957	0 27 1
51	0.77550	0.30	โ∙หหยอห	0.17	1.22881	1-99	o osust	0 43	1 hannu	11 11%	0.10973	0.25
52	0.77508	0.80	1-88968	0.17	1.22904	1 . 14 14	0.08957	0.42	1.58447	H 113	n lunak	0.27
58	0.77586	0.82	1.88978	0.18	1-22977	1.111	и инива	0 43	I anana	0.95	0 20004	0 25
54	0.77805	0.30	1.88989	0.17	1.23050	1.22	o opoon	0 43	I hannu	u na	0 20019	0.27
55	0.77628	0.80	1-88999	0.17	1.23123	1 22			Ē			0 25
56	0.77641	0.82					0.09034	0.43		0 95	0.20035	
57	0.77660	0.30	1.89009 1.89020	0-18 0-17	1.23196	1,23	0.09060	0.48	1 5M674	11 11 15	0 20080	0 27
58					1.23270	1.22	0.09086		1 5H731	UBB	0 20066	
59	0.77678	08.0	1.89030	0.17	1-23343	1.22	0.09111		1 SHTHH	0 ម្ចង	n goong	0.25
1	0.77696	0.32	1.89040	0.17	1.23416	1 23	0-09137	0.43	1 ARRID	una	0 20097	0.27
60	0.77715		T-89050		1.23490		0.09163		1 58902		0 20113	- Break
ratio have do	Paragraphic on the leadings	nacionale managemente FA H A	propropriation to the company	9-1 - 2 PF	Air-Airdenbuch	** 3 ST	• • •	• • • •	Line of the second			i un ⇔irsen graj diet i
	Cos.	D. 1".	Log Cos.	1), 1",	Cot,	17, 1",	Log Cut.	JF. [",	Casen.	D. 1".	log Coser	. 1). 1".

	-100		AT TO T T.			2146	1101	13	X 1 F1	LIK	. LUG	r.S.	21.
	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.77715	0.30	<u>1</u> .89050	0.17	1.23490	1.22	0.09163	0.43	1.58902	0.95	0.20113	0.25	60
$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	0.77733	0.30	1.89060	0.18	1.23563	1.23	0.09189	0.43	1.58959	0.95	0.20128	0.27	59
3	0.77751 0.77769	$0.30 \\ 0.32$	$\frac{1.89071}{1.89081}$	0·17 0·17	1.23637 $1.23710$	$1.22 \\ 1.23$	0.09215	0.43	1.59016	0.95	0.20144	0.27	58
4	0.77788	0.30	Ī·89091	0.17	1.23784	1.23	0.09241 0.09266	0·42 0·43	1.59073 1.59130	0·95 0·97	$0.20160 \\ 0.20175$	$0.25 \\ 0.27$	57 56
5	0.77806	0.30	ī·89101		1.23858	1.22	0.09292	0.43	1.59188		0.20173	0.27	55
6	0.77824	0.32	1.89112	0.17	1.23931	1.23	0.09318	0.43	1.59245		0.20131	0.25	54
8	0.77843	0.30	1.89122		1.24005	1.23	0.09344	0.43		0.97	0.20222	0.27	53
9	0.77861 0.77879	$0.30 \\ 0.30$	1.89132 $1.89142$	$0.17 \ 0.17$	1.24079 $1.24153$	$\substack{1\cdot23\\1\cdot23}$	0.09370 $0.09396$	0·43 0·43	1.59360 1.59418		0.20238	$0.27 \\ 0.25$	52 51
10	0.77897	0.32	T-89152	0.17	1.24227	1.23	0.09422				0.20254		, ,
11	0.77916	0.30	1.89162	0.18	1.24301	1.23	0.09447	$0.42 \\ 0.43$	1.59475 1.59533	$0.97 \\ 0.95$	$0.20269 \\ 0.20285$	$0.27 \\ 0.27$	50 49
12	0.77934	0.30	1.89173	0.17	1.24375	1.23	0.09473	0.43	1.59590	0.97	0.20301	0.25	48
13 14	0.77952	0.30	1.89183 1.89193	0·17 0·17	1.24449	1.23	0.09499	0.43	1.59648	0.97	0.20316	0.27	47
15	0.77988	0.32	T-89203	0.17	1.24523	1.23	0.09525	0.43	1.59706	0.97	0.20332	0.27	46
16	0.78007	0.32	1.89213	0.17	1.24597 $1.24672$	$1.25 \\ 1.23$	0.09551 0.09577	0·43 0·43	1.59764 $1.59822$	0·97 0·97	0.20348 0.20364	$\begin{array}{c} 0.27 \\ 0.25 \end{array}$	45
17	0.78025	0.30	1.89223	0.17	1.24746	1.23	0.09603	0.43	1.59880	0.97	0.20304	0.25	43
18	0.78043	0.30	1.89233		1.24820	1.25	0.09629	0.42	1.59938	0.97	0.20395	0.27	42
19	0.78061	0.30	1.89244	0.17	1.24895	1.23	0.09654	0.43	1.59996	0.97	0.20411	0.27	41
$\begin{array}{c c} 20 \\ 21 \end{array}$	0.78079 0.78098	$0.32 \\ 0.30$	T·89254 T·89264	0·17 0·17	1.24969	1.25	0.09680	0.43	1.60054		0.20427	0.25	40
22	0.78116	0.30	1.89274	0.17	1.25044 $1.25118$	$\substack{1\cdot23\\1\cdot25}$	0.09706 0.09732	0·43 0·43	1.60112	$0.98 \\ 0.97$	$0.20442 \\ 0.20458$	0.27   0.27	39 38
23	0.78134	0.30	1.89284	0.17	1.25193	1.25	0.09758	0.43	1.60229		0.20474	0.27	37
24	0.78152	0.30	1.89294	0.17	1.25268	1.25	0.09784	0.43	1.60287	0.98	0.20490	0.27	36
25	0.78170	0.30	1.89304	0.17	1.25343	1.23	0.09810	0.43	1.60346	0.97	0.20506	0.27	35
$\frac{26}{27}$	$0.78188 \\ 0.78206$	$0.30 \\ 0.32$	1.89314 $1.89324$	0.17	1.25417 $1.25492$	$\frac{1.25}{1.25}$	0.00886	0.43	1.60404		0.20522	0.25	34
28	0.78225	0.30	1.89334	0.17	1.25567	1.25	0.09862 0.09888	0·43 0·43	1.60463 1.60521	$\begin{array}{c} 0.97 \\ 0.98 \end{array}$	0.20537 $0.20553$	$0.27 \ 0.27$	33
29	0.78243	0.30	1.89344	0.17	1.25642	1.25	0.09914	0.42	1.60580	0.98	0.20569	0.27	31
30	0.78261	0.30	1.89354	0.17	1.25717	1.25	0.09939	0.43	1.60639	0.98	0.20585	0.27	30
31	0.78279	0.30	1.89364	0.18	1.25792	1.25	0.09965	0.43	1.60698	0.97	0.20601	0.27	29
$\frac{32}{33}$	0.78297	0.30	1.89375 1.89385	0·17 0·17	1.25867 1.25943	$1.27 \\ 1.25$	0.09991 0.10017	$0.43 \\ 0.43$	1.60756	$0.98 \\ 0.98$	0.20617 $0.20633$	$\begin{array}{c} 0.27 \\ 0.27 \end{array}$	28   27
34	0.78333		1.89395	0.17	1.26018	1.25	0.10017	0.43	1.60874	0.98	0.20649	0.27	26
35	0.78351	0.30	1.89405	0.17	1.26093	1.27	0.10069	0.43	1.60933	0.98	0.20665	0.27	25
36	0.78369		1.89415	0.17	1.26169	1.25	0.10095	0.43	1.60992	0.98	0.20681	0.25	24
37	0.78387		1.89425 T.00498	0.17	1.20244	1.25	0.10121	0.43	1.61051	1.00	0.20696	0.27	23
38 39	0.78405 0.78424		1.89435 1.89445	0·17 0·17	1.26319 1.26395	$\frac{1\cdot 27}{1\cdot 27}$	0·10147 0·10178	0·43 0·43	1.61111 1.61170	0.98 0.98	0.20712 0.20728	$0.27 \\ 0.27$	22 21
40	0.78442		T-89455	0.17	1.26471	1.25	0.10199	0.43	1.61229	0.98	0.20744	0.27	20
41	0.78460		1.89465	0.17	1.20546	1.27	0.10225	0.43	1.61288	1.00	0.20760	0.27	19
42	0.78478		1.89475	0.17	1.26622	1.27	0.10251	0.43	1.61348	0.98	0.20776	0.27	18
43	0.78496 0.78514		1.89485 1.89495	0.17	1.20098 $1.20774$	$1.27 \\ 1.25$	0·10277 0·10303	0·43 0·43	1.61407 1.61467	1·00 0·98	$0.20792 \\ 0.20808$	$0.27 \\ 0.27$	17 16
	0.78514		T-89504	0.17	1.26849	1.27	0.10303	0.43	1.61526	1.00	0.20808	0.27	15
45 46	0.78550		1.89514	0.17	1.26925	1.27	0.10329	0.43	1.61526	1.00	0.20824	0.27	14
47	0.78568	0.80	1.89524	0.17	1.27001	1.27	0.10381	0.43	1.61646	0.98	0.20856	0.27	13
48	0.78586		1.89584	0.17	1.27077	1.27	0.10407	0.48	1.61705	1.00	0.20872	0.28	12
49	0.78604		1.89544		1.27153	1.28	0.10433	0.43	1	1.00	0.20889	0.27	11
50 81	0.78622		1.89554 1.89564	0.17	$1.27230 \\ 1.27306$	$\substack{1\cdot27\\1\cdot27}$	0·10459 0·10485	0·43 0·43	1.61825 1.61885	1.00 1.00	0.20905 0.20921	$\begin{array}{c} 0.27 \\ 0.27 \end{array}$	10
51 52	0.78658	0.80	1.89574	0.17	1.27382	1.27	0.10511	0.43	1.61045	1.00	0.20937	0.27	8
58	0.78676	0.80	1.89584	0.17	1.27458	1.28	0.10537	0.43	1.62005	1 00	0.20953	0.27	7
54	0.78694	0.28	1.89594	0.17	1.27585	1.27	0.10568	0.43	1.62065	1.00	0.20969	0.27	6
55	0.78711	0.30	1.89604	0.17	1.27611	1.28	0.10589	0.43	1.62125	1.00	0.20985	0.27	5
56 57	0.78729	0.30	1.89614 1.89624	0·17 0·15	1.27688 $1.27764$	$\substack{1\cdot27\\1\cdot28}$	0·10615 0·10641	0.43 0.43	1.62185 1.62246	$\begin{array}{c} 1.02 \\ 1.00 \end{array}$	$0.21001 \\ 0.21017$	$0.27 \\ 0.27$	3
58	0.78765	0.30	1.89633	0.17	1.27841	1.27	0.10667	0.43	1.62306	1.00	0.21033	0.28	2
59	0.78783	0.80	Ī·89643	0.17	1.27917	1.28	0.10693	0.43	1.62366	1.02	0.21050	0.27	1
60	0.78801		T-89653		1.27994		0.10719		1.62427		0.21066		0
253909404	Cos.	D, 1",	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1".	. ,
		************	Proportio	mul P	arts of th	e 'Co-	Function	ıs mu	st be subtr	racted.			38°
			Propor	tional	Parts of	the ot	her Funct	ions n	rust be ad	lded.		281	- •

<i>J</i> 2	1 1/1/										<del>2000.</del>
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.			Log Sec.	
0	0.78801		T-89653		1.27994		0.10719	0.43 1.62		0.21066	0.27 60
1	0.78819		1.89663		1.28071		0.10745	0.43 1.624		0.21082	0.27   59
2	0.78837		1.89673		1.28148		0.10771	0.43 1.625		0.21098	0.27 58
3	0.78855		1.89683		1.28225		0.10797	0-43 1-620		0.21114	0.28 57
4	0.78873		1.89693	1	1.28302		0.10823	i		0.21131	0.27   56
5	0.78891		1.89702		1.28379		0.10849	0.43   1.627		0.21147	0.27 55
6	0.78908	-	1.89712		1.28456		0.10875	0.43 1.627		0.21163	0.27 54
7	0.78926		1.89722		1.28533		0-10901 0-10927	0.43 [1.628		$0.21179 \\ 0.21195$	0.27   53
8	0.78944		1.89732		1-28610 1-28687		0.10954	0-43 1-621		0.21212	0.28 52
9	0.78962		1.89742					4			0.27 51
10	0.78980		1.89752		1.28764	-	0-10980 0-11006	0.43 [1.630 0.43 1.630		0-21228 0-21244	0.27 50
	0.78998		1.89761		1-28842 1-28919		0.11032	0.43 1.631		0.21244	0.28 49 0.27 48
12	0.70016		$1.89771 \\ 1.89781$		1.28997		0.11058	0.43 1.631		0-21277	0.27 48
13	$0.79033 \\ 0.79051$		1.89791		1-29074		0.11084	0.43 1.63;		0.21293	0.27 46
14				- 1			0.11110	0.43 1.633		0-21309	
1.5	0.79069		1.89801		1-29   52 1-29 229		0.11136	0-43 1-63		0.21326	0.28 45
16	0.79087 0.79105		1.89810 1.89820		1-20307		0.11162	0.43 1.63		0.21342	0.27 44
17 18	0.79108		1.89830		1-29385		0.11188	0.43 1.637		0.21358	0.28 42
19	0.79140		1.89840		1.29463		0-11214	0.45 1.633		0.21376	0.27 41
	0.79158		1-89849	- 1	1-29541		0.11241	0.43 1.630		0.21391	0.28 40
$ 20  \\ 21 $	$0.79188 \\ 0.79176$	0.28	1.89859		1.29618		0.11267	0.43 1.637		0.21408	0.27 39
22	0.79170		1.89869		1.29696		0.11293	0 43 1 637		0.21424	0.27 38
23	0.79211	0.30	1.89879	1	1-29775		0.11319	0-43 1 635		0.21440	0 28 37
24	0.79229	0.30	1.89888		1.29853	1.30	0.11345	0-43 1 632	495 1-03	0.21457	0.27   36
25	0.79247	0.28	1.89898	0.17	1-29931	1.30	0-11371	0.43 1.639	157 1-03	0 21473	0-28 35
26	0.79264		1.89908		1-30009	1.30	0.11397	0.43 1.640		0.21490	0 27 34
27	0.70282	0.30	1.89918		1-30087	1.32	0.11423	0.45 1.640		0.21506	0.27 33
28	0.79300	0.30	1.89927	0.17	1.30166	1:30	0.11450	0 13 1641	144 1-03	0-21កិន្នម	0.28 32
29	0.79318	0.28	1.89937	0.17	1.80244	1.32	0.11476	0.43 1 643	106 1.03	0.21935	0 27 31
30	0.79335	0.30	1.89947	0.15	1.30323	1.30	0.11502	0-48 1-643	368 1-03	0.21555	0.28 30
81	0.79353	0.30	1.89956	0.17	1.30401	1.32	0-11528	0 43 1 643	130   1 05	0.21572	0.27 29
32	0.79371	0.28	1.89966	0.17	1.30480	1.30	0.11554	0.43 1.643		0.21588	0.28 28
33	0.79388	0.30	1.89976		1-80558	1.32	0.11580	0.45 1.64		0 21605	0.27 27
34	0.79406	0.30	1.89985	0.17	1.30637	1/32	0.11607	0 43 1 643	MH 1-03	0.21621	0.28 26
35	0.79424	0.28	T-89995	0.17	1.30716	1.32	0.11633	0.43 1.643		0.21638	0.27 25
86	0.79441	0.30	1.90005		1.30795	1.30	0-11659	0.43 1.64		0.21654	0.28 24
87	0.79459	0.30	1.90014		1.30873	1.32	0-11685	0-43 1 643		021671	0/27 28
88	0.79477	0.28	1.90024	0.17	1.30952	1.82	0.11711	0.45 1.643		0.31687	0.28 22
89	0.70494	0.30	1.90034	0.15	1.81031	1.32	0-11738	0 43 1 643		021704	0/27 / 21
40	0.79512	0.30	1.00043		1.81110	1.88	0.11764	0 43 1 643		0 21720	0.28,20
41	0.79530	0.28	1.90053	0.17	1.31190	1.32	0.11790	0.43 1.649		0 21737	0.28 19
42	0.79547	0.80	1.90003 1.90072		1.81269 1.81848	1.32 1.32	0-11816	0948 1 650 0945 1 650		0.21754	0 27 18 0 28 17
43		0.30	1.90082	0·17 0·15	1.31427	1.83	0.11869	0.43 1.65		0.21787	0.27 16
	1		1.90091					0 48 1 65		0 21803	0 28 15
45	0.79600	0·80 0·28	1.90101	0.17	1.31507 1.31586	1.32 1.33	0-11898	0 43 1 65		0.21820	0.28 14
40	0.79635	0.30	1.90111		1.31666	1.32	0.11947	043 165		0.21620	027 18
48		0.80	1 90120		1.81745	1.88	0.11973	0.45 1.65		0.21858	0 2X 12
49		0.28	Î-90130	0.15	1.81825			0 43 1 65		0 21870	0.28 11
50	0.79688	0.30	T-90139	0.17	1.31904	1.33	0-12026	0 48 1 68	526 1 05	0 21887	0 27   10
51	0.79706	0.28	1.90149	0.17	1.81984	1.33	0.12053	0.43 1 65		0 21903	0 28 9
52		0.30	1.90159	0.15	1.82064	1.83	0.12078	0 45 1 65		0.21920	0.28 8
53	0.79741	0.28	1.90168	0.17	1.32144	1.33	0.12105	0.48 1 65		0.21937	0 27 7
54	0.79758	0.30	1.90178	0.15	1.32224	1.33	0.12131	0 43 1 65		0.21953	0 28 6
55	0.79776	0.28	T-90187	0.17	1.32304	1.33	0-12157	0.43 1 65	844 107	0 21970	0 28 8
56	0.79793	0.80	1.90197	0.15	1.82384	1.33	0-12188	0.45 1.65		0.21987	0.37 4
57	0.79811	0.80	1.90206	0.17	1.82464	1.33	0.12210	0 43 1 65	1172 1-117	0.22003	0.28 8
58	0.79829	0.28	1.90216	0.15	1.32544	1.33	0.12236	0.43 1.66		0.22020	0.28 2
59	0.79846	0.80	1.90225	0.17	1.32624	1.33	0.12262	0.45 1.66	100 107	이 없었다님?	0.28 1
60	0.79864		T-90235		1.32704		0.12289	1.66	164	0 22054	; 0
Canada Samuel	Cos.	D. 1"	Log Cos.	1). 1"	Cot.	1). 1"	Log Cut	D. 1". Cos	sec. 1). 1"	Log Cosec	1).1". /
	1 4000	A 1	6	-07 S St. 3	4, 67 84		****** * **** (F)		#74 P (	* 4 . 189 x 44 . 45.45	

Since   D. 1"   Log Sin   D. 1"   Tam   D. 1"   Log Tam   D. 1"   Sec   D. 1"   Log Sec   D. 1"							7110	71101	10 L	X 111.	CIK	. LUG	<b>.</b> .	53°
1   0-79881   0-30   1-90244   0-17   1-32785   1-38   0-12315   0-43   1-06928   1-07   0-20167   0-35		Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1."	Sec.	D. 1".	Log Sec.	D. 1".	
0.79881 0.30 1.40244 0.17   .32785 1.33 0.12316 0.43 1.66222 1.07 0.22076 0.28 59	0	0.79864	0.28	T-90235	0.15	1.32704	1.35	0.12289	0.43	1.66164	1.07	0.99054	0.97	60
3 0-79916 0-30 1-90236 0-15 1-32805 1-35 0-12347 0-45 1-6337 1-05 0-22197 0-28 57 4 0-79934 0-28 1-90273 0-15 1-33926 1-35 0-12307 0-45 1-6337 1-07 0-22104 0-28 57 6 0-79038 0-30 1-90232 0-15 1-33107 1-35 0-12304 0-43 1-66432 1-08 0-22112 0-28 56 6 0-79036 0-30 1-90230 1-07 1-33307 1-35 0-12490 0-43 1-66435 1-07 0-22136 0-28 57 6 0-79038 0-30 1-90231 0-15 1-33107 1-35 0-12473 0-43 1-66615 1-08 0-22154 0-28 57 8 0-80003 0-30 1-90331 0-15 1-33328 1-35 0-12473 0-43 1-66615 1-08 0-22138 0-28 59 0-80021 0-28 1-90330 0-15 1-33340 1-35 0-12473 0-43 1-66615 1-08 0-22138 0-28 51 0-80023 0-17 1-33309 1-35 0-12473 0-43 1-66615 1-08 0-22138 0-28 51 0-80023 0-17 1-33509 1-35 0-12473 0-43 1-66615 1-08 0-22218 0-28 51 0-10 0-80038 0-30 1-90340 0-15 1-33511 1-35 0-12525 0-45 1-66744 1-08 0-22228 0-28 51 0-80023 0-39 0-17 1-33509 1-35 0-12525 0-45 1-66744 1-08 0-22228 0-28 51 0-80023 0-39 0-17 1-33579 1-35 0-12525 0-45 1-66744 1-08 0-22228 0-28 51 0-80023 0-39 0-17 1-33579 1-35 0-12573 0-43 1-6695 1-08 0-22228 0-28 46 0-22028 0-28 10 0-80023 0-28 1-90368 0-15 1-33579 1-35 0-12573 0-43 1-69038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33508 1-35 0-12050 0-45 1-09038 1-08 0-22228 0-28 46 0-20020 0-28 1-90368 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33575 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33508 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33508 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33508 1-35 0-12050 0-45 1-09038 1-09038 0-15 1-33508 1-35 0-12050 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-45 1-09038 0-4					0.17	1.32785								
4 0.79934 0.28 1.90273 0.15 1.33026 1.35 0.12346 0.43 1.66421 1.03 0.22131 0.28 56 6 0.79938 0.30 1.29829 0.17 1.33187 1.35 0.12460 0.45 1.66556 1.06 0.22138 0.27 55 70.79936 0.30 1.90239 0.15 1.23187 1.35 0.12460 0.45 1.66556 1.07 0.22138 0.28 59 8 0.3003 0.30 1.90231 0.17 1.33349 1.35 0.12446 0.45 1.66556 1.06 0.22141 0.28 59 8 0.3003 0.30 1.90331 0.15 1.33349 1.35 0.12429 0.43 1.66651 1.07 0.22171 0.28 53 10 0.80021 0.28 1.90330 0.15 1.33349 1.35 0.12429 0.43 1.66693 1.07 0.22225 0.28 51 10 0.80038 0.30 1.90330 0.15 1.33511 1.35 0.12552 0.45 1.66593 1.08 0.22186 0.2218 0.2218 0.2018 1.00 0.2018								0.12341						
50   0.79951   0.28   5.90880   0.17   1.33107   1.33   0.12420   0.43   1.66486   1.07   0.22118   0.28   5.7	•										1.07	0.22104	0.28	57
6   0.79968   0.30   1.90292   0.15   1.33187   1.35   0.12445   0.45   1.6655   1.08   0.29215   0.28   38   0.80003   0.30   1.90311   0.15   1.33349   1.35   0.12473   0.43   1.66605   1.09   0.29217   0.28   53   0.80021   0.28   1.90330   0.17   1.33349   1.35   0.12525   0.45   1.66744   1.08   0.22255   0.28   51   0.80037   0.30   1.90330   0.17   1.33534   1.35   0.12525   0.45   1.66744   1.08   0.22255   0.28   51   0.80037   0.30   1.90349   0.15   1.33573   1.35   0.12525   0.45   1.66038   1.08   0.222259   0.28   51   0.80037   0.30   1.90349   0.15   1.33573   1.35   0.12525   0.45   1.66038   1.08   0.222259   0.28   51   0.80037   0.30   1.90349   0.15   1.33573   1.35   0.12525   0.45   1.66038   1.08   0.222239   0.28   49   0.80011   0.28   1.90388   0.15   1.33573   1.35   0.12525   0.45   1.66038   1.08   0.222239   0.28   49   0.80012   0.28   1.90388   0.15   1.33573   1.35   0.12525   0.45   1.67038   1.08   0.222239   0.28   49   15   0.80125   0.30   0.90376   0.15   1.33574   1.35   0.12635   0.43   1.67038   1.08   0.22239   0.28   49   16   0.80143   0.28   0.90386   0.17   1.33598   1.35   0.12730   0.43   1.67038   1.08   0.22239   0.28   49   17   0.80126   0.35   0.90376   0.15   1.34079   1.35   0.12730   0.43   1.67108   1.0   0.22332   0.28   44   17   0.80126   0.30   0.90426   0.17   1.3466   1.37   0.12769   0.45   1.67392   0.08   0.22337   0.28   1.00330   0.28   45   0.3030   0.28   45   0.3030   0.28   40   0.15   1.3466   1.37   0.12849   0.43   1.67308   1.08   0.22374   0.28   1.00330   0.28   0							1.35	0.12394	0.43	1.66421	1.08	0.22121	0.28	56
7 0.79986 0-28 1.90301 0-17 1.33298 1.85 0.12473 0-28 1.00073 1.00 0-22171 0-28 58 8 0.80003 0-30 1.90310 0-15 1.33340 1.35 0.12525 0-45 1.60674 1.08 0.22210 0-28 51 10 0.80038 0-30 1.90330 0-17 1.33430 1.35 0.12525 0-45 1.60674 1.08 0.22220 0-28 51 11 0.80056 0-28 1.90339 0-17 1.33430 1.35 0.12525 0-45 1.60674 1.08 0.22220 0-28 51 11 0.80056 0-28 1.90339 0-17 1.33430 1.35 0.12525 0-45 1.60674 1.08 0.22220 0-28 51 11 0.80073 0-30 1.90340 0-15 1.33573 1.35 0.12573 0-43 1.60873 1.08 0.22223 0-28 49 13 0.80091 0-28 1.90368 0-17 1.33573 1.35 0.12604 0-45 1.60938 1.08 0.22225 0-27 48 14 0.80108 0-28 1.90368 0-17 1.33574 1.35 0.12604 0-45 1.60938 1.08 0.22229 0-28 47 14 0.80108 0-28 1.90368 0-17 1.33574 1.35 0.12630 0-43 1.67008 1.08 0.22229 0-28 47 17 0.80108 0-30 1.90340 0-15 1.33574 1.35 0.12630 0-43 1.67008 1.08 0.22229 0-28 47 17 0.80160 0-30 1.90300 0-15 1.33574 1.35 0.12630 0-43 1.67133 1.08 0.22309 0-28 45 17 0.80160 0-30 1.90300 0-15 1.33407 1.35 0.12730 0-43 1.67264 1.00 0.22332 0-28 47 19 0.80105 0-28 1.90440 0-17 1.34164 1.37 0.12760 0-43 1.67264 1.00 0.22337 0-28 41 19 0.80105 0-28 1.90440 0-17 1.34164 1.37 0.12769 0-45 1.67384 1.10 0.22357 0-28 42 19 0.80105 0-28 1.90443 0-15 1.34405 1.37 0.12840 0-43 1.67540 1.08 0.22340 0-28 41 1.000000 0-28 1.90434 0-15 1.34405 1.37 0.12840 0-43 1.67540 1.08 0.22340 0-28 40 1.000000 0-28 1.90434 0-15 1.34405 1.37 0.12840 0-43 1.67550 1.10 0.22448 0-28 38 1.000000 0-28 1.90434 0-15 1.34405 1.37 0.12840 0-45 1.67565 1.10 0.22448 0-28 38 1.000000 0-28 1.90434 0-10 1.5 1.34405 1.37 0.12840 0-43 1.67550 1.10 0.22448 0-28 38 1.00000 0-28 1.90440 0-15 1.34666 1.37 0.12840 0-43 1.67550 1.10 0.22448 0-28 38 1.00000 0-28 1.90460 0-15 1.34666 1.37 0.12840 0-43 1.67550 1.10 0.22448 0-28 38 1.00000 0-28 1.90460 0-15 1.34666 1.37 0.12840 0-43 1.67561 1.00 0.22450 0-28 38 1.00000 0-28 1.90460 0-15 1.35666 1.37 0.12910 0-43 1.67561 1.00 0.22450 0-28 38 1.00000 0-28 1.90460 0-15 1.35666 1.37 0.12910 0-43 1.67561 1.10 0.22450 0-28 38 1.00000 0-28 1.90660 0-15 1.35660 1.37 0.13936 0-43											1.07	0.22138	0.27	55
8   0.80003   0.20   1.90311   0.15   1.33340   1.35   0.12129   0.43   1.66673   1.08   0.22135   0.28   51														
0   0   0   0   0   0   0   0   0   0									-					
10   0.80038   0.30   1.00330   0.15   1.33512   1.85   0.12552   0.43   1.66809   1.07   0.22222   0.28   50   0.80073   0.30   1.00349   0.15   1.33512   1.35   0.12575   0.43   1.66873   1.05   0.22239   0.28   50   0.80073   0.30   1.00349   0.15   1.33573   1.35   0.12604   0.43   1.66003   1.08   0.22239   0.28   40   0.80010   0.28   1.00358   0.17   1.33764   1.35   0.12631   0.43   1.67003   1.08   0.22229   0.28   47   0.80105   0.28   1.00358   0.17   1.33764   1.35   0.12631   0.43   1.67003   1.08   0.22229   0.28   47   0.80105   0.28   1.00386   0.17   1.3398   1.35   0.12610   0.43   1.67133   1.08   0.22306   0.28   48   47   0.80160   0.28   1.00386   0.15   1.33998   1.35   0.12710   0.43   1.67133   1.08   0.22306   0.28   48   47   0.80160   0.28   1.00386   0.15   1.34076   1.35   0.12736   0.43   1.67324   1.00   0.22374   0.28   48   48   0.80178   0.28   1.00405   0.15   1.34076   1.35   0.12736   0.43   1.67324   1.00   0.22374   0.28   48   0.80178   0.28   1.00415   0.15   1.34166   1.37   0.12736   0.43   1.67324   1.08   0.22340   0.28   4.02424   0.15   0.80230   0.28   1.00443   0.15   1.34123   1.35   0.12780   0.43   0.676394   1.10   0.22377   0.28   4.02330   0.28   1.00443   0.15   1.34405   1.37   0.12815   0.43   0.76791   1.08   0.22455   0.28   33   0.80264   0.30   1.00462   0.15   1.34668   1.37   0.12815   0.43   0.7722   1.10   0.22408   0.28   3.0   0.0245   0.00462   0.15   1.34668   1.37   0.12914   0.48   0.17722   1.10   0.22459   0.28   3.0   0.00460   0.015   1.34608   1.37   0.12914   0.48   0.17722   1.10   0.22459   0.28   3.0   0.00460   0.015   0.3460   0.37   0.12914   0.48   0.47722   1.10   0.22459   0.28   3.0   0.00460   0.015   0.3460   0.37   0.12914   0.48   0.47722   1.10   0.22459   0.28   3.0   0.00460   0.015   0.3460   0.37   0.12914   0.48   0.47722   1.00   0.22574   0.28   3.0   0.00460   0.015   0.3460   0.37   0.3460   0.37   0.3460   0.37   0.3460   0.38   0.3460   0.30   0.3460   0.30   0.3460   0.30   0.3460   0.30   0.3460   0.30														( (
11   0.80056   0.28   1.90039   0.17   1.33592   1.35   0.12575   0.43   1.66873   1.05   0.22230   0.28   1.05   0.80091   0.28   1.90058   0.17   1.33764   1.35   0.12631   0.43   1.67008   1.08   0.22272   0.28   47   1.080108   0.28   1.90058   0.15   1.33835   1.35   0.12637   0.43   1.67008   1.08   0.22272   0.28   47   1.080108   0.28   1.90058   0.15   1.33835   1.35   0.12637   0.43   1.67008   1.08   0.22272   0.28   47   1.080108   0.28   1.08038   0.15   1.33835   1.35   0.12637   0.43   1.67008   1.08   0.22230   0.28   45   1.080108   0.28   1.08030   0.15   1.33078   1.35   0.12710   0.43   1.67198   1.10   0.22333   0.28   44   1.080108   0.28   1.08030   0.15   1.34079   1.35   0.12710   0.43   1.67198   1.10   0.22333   0.28   44   1.080108   0.28   1.080	10	0.80038	0.30	1.90330	0.15									1 I
12   0.80073   0.28   1.90358   0.15   1.33673   1.35   0.12004   0.45   1.60038   1.05   0.29272   0.28   47   1.0   0.80108   0.28   1.90368   0.15   1.33784   1.35   0.12031   0.43   1.67008   1.08   0.22229   0.28   46   1.0   0.80143   0.28   1.90368   0.15   1.33835   1.35   0.12035   0.45   1.67138   1.08   0.22230   0.28   45   1.0   0.80143   0.28   1.90386   0.15   1.33936   1.37   0.12083   0.45   1.67138   1.10   0.22233   0.28   44   1.0   0.80160   0.30   1.90306   0.15   1.34070   1.35   0.12736   0.48   1.67204   1.08   0.222330   0.28   43   1.0   0.80178   0.28   1.90405   0.17   1.34106   1.37   0.12736   0.48   1.67204   1.08   0.222347   0.28   1.0   0.80135   0.28   1.90416   0.15   1.34242   1.35   0.12789   0.48   1.67304   1.10   0.222374   0.28   1.0   0.80230   0.28   1.90430   0.15   1.34368   1.37   0.12842   0.43   1.67535   1.10   0.22245   0.28   3.0   0.80247   0.28   1.90443   0.15   1.34481   1.37   0.12842   0.43   1.67535   1.10   0.22245   0.28   3.0   0.80244   0.30   1.90452   0.17   1.34568   1.37   0.12842   0.43   1.67535   1.10   0.22245   0.28   3.0   0.8024   0.30   1.90452   0.17   1.34568   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.8024   0.30   1.90452   0.17   1.34568   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.80343   0.28   1.90460   0.15   1.34486   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.80343   0.28   1.90460   0.15   1.34586   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.80343   0.28   1.90460   0.15   1.34586   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.80343   0.28   1.90460   0.15   1.34586   1.37   0.12921   0.48   1.67525   1.00   0.22450   0.28   3.0   0.80343   0.28   1.90460   0.15   1.34586   1.37   0.12921   0.48   1.67535   1.10   0.22245   0.28   3.0   0.80343   0.28   1.90460   0.17   1.34586   1.37   0.12973   0.45   1.67565   1.10   0.222476   0.28   3.0   0.28   1.90460   0.17   1.34586   0.37   0.10460   0.38   0.39   0.3														
13   0.80018   0.28   1-90368   0.17   1-33764   1.35   0.12631   0.43   1-67003   1.08   0.22272   0.28   47     14   0.80108   0.28   1-90368   0.15   1-33835   1.35   0.12676   0.43   1-67038   1.08   0.22239   0.28   46     15   0.80143   0.28   1-90386   0.17   1-33835   1.35   0.12736   0.43   1-67138   1.08   0.22336   0.28   41     17   0.80160   0.30   1-90386   0.17   1-3398   1.35   0.12736   0.43   1-67138   1.08   0.22336   0.28   43     18   0.80178   0.28   1-90400   0.17   1-34160   1.37   0.12762   0.46   1-67329   1.08   0.22340   0.28   43     19   0.80195   0.28   1-90416   0.15   1-34466   1.37   0.12762   0.46   1-67329   1.08   0.22334   0.28   42     10   0.80210   0.28   0.9043   0.15   1-34466   1.37   0.12815   0.45   1.67460   1.08   0.22334   0.28   42     10   0.80210   0.28   0.9043   0.15   1-34466   1.37   0.12806   0.43   1-67535   1.00   0.22448   0.28   32     12   0.80230   0.28   0.9043   0.15   1-34466   1.37   0.12804   0.45   1-67656   1.00   0.22442   0.28   37     12   0.80230   0.28   0.90452   0.17   1-34568   1.37   0.12804   0.45   1-67656   1.00   0.22445   0.28   37     13   0.80214   0.30   1-90452   0.17   1-34168   1.37   0.12947   0.43   1-67782   1.00   0.22445   0.28   37     14   0.80334   0.28   1-90400   0.15   1-34466   1.37   0.12947   0.43   1-67782   1.00   0.22445   0.28   37     15   0.80336   0.30   1-90480   0.17   1-34161   1.37   0.12947   0.43   1-67785   1.00   0.22445   0.28   37     15   0.80336   0.30   1-90480   0.17   1-34161   1.37   0.12947   0.43   1-67785   1.10   0.22443   0.28   34     15   0.80336   0.28   1-90490   0.15   1-34466   1.37   0.13000   0.43   1-67858   1.10   0.22443   0.28   34     15   0.80336   0.28   1-90490   0.15   1-34466   1.37   0.13070   0.45   1-68117   1.00   0.22540   0.28   32     15   0.80336   0.28   1-90550   0.15   1-34566   1.37   0.13070   0.45   1-68117   1.00   0.22540   0.28   32     15   0.80336   0.28   1-90550   0.15   1-34566   1.37   0.13070   0.45   1-68117   1.00   0.22540   0.28   32														
15									0.43					
16	14	0.80108			0.15	1.33835	1.35	0.12657	0.43	1.67068	1.08	0.22289	0.28	46
17									0.45	1.67133	1.08	0.22306	0.28	45
18   0.80178   0.28   1.90405   0.17   1.34166   1.87   0.12762   0.48   1.67394   1.08   0.22374   0.28   42   0.80612   0.80   1.90415   0.15   1.34242   1.35   0.12780   0.43   1.67394   1.10   0.22374   0.28   42   1.08   0.80210   0.80   1.90424   0.17   1.34323   1.37   0.12815   0.45   1.67460   1.08   0.22337   0.28   40   21   0.80230   0.28   1.90433   0.15   1.344405   1.37   0.12812   0.43   1.67785   1.10   0.22425   0.28   38   23   0.80244   0.30   1.90462   0.17   1.34568   1.37   0.12840   0.45   1.67591   1.08   0.22425   0.28   38   23   0.80240   0.30   1.90462   0.15   1.34568   1.37   0.12840   0.45   1.67595   1.10   0.22442   0.28   37   0.80230   0.28   0.40   0.40   0.15   1.34568   1.37   0.12947   0.43   1.67788   1.08   0.22450   0.28   36   0.80316   0.30   1.90480   0.17   1.34581   1.37   0.12947   0.43   1.67788   1.08   0.22470   0.28   36   0.80316   0.30   1.90480   0.17   1.34578   1.37   0.12947   0.43   1.67788   1.08   0.22470   0.28   37   0.80334   0.28   1.90490   0.17   1.34578   1.37   0.13000   0.43   1.67858   1.10   0.22450   0.28   38   0.80334   0.28   1.90490   0.17   1.34578   1.37   0.13026   0.45   1.67851   1.10   0.222510   0.28   38   0.80338   0.30   1.90450   0.15   1.35048   1.37   0.13079   0.45   1.68151   1.10   0.22561   0.28   32   0.80338   0.30   1.90537   0.15   1.35584   1.38   0.13169   0.43   1.6883   1.10   0.22578   0.28   32   0.80430   0.30   1.90537   0.15   1.35564   1.38   0.13169   0.43   1.68850   1.10   0.22561   0.28   38   0.80430   0.30   1.90537   0.15   1.35563   1.38   0.13214   0.45   1.68449   1.10   0.22064   0.28   2.3   0.80430   0.30   1.90537   0.15   1.35563   1.38   0.13214   0.45   1.68449   1.10   0.22064   0.28   2.3   0.80430   0.30   1.90537   0.15   1.35563   1.38   0.13214   0.45   1.68449   1.10   0.22064   0.28   2.3   0.80430   0.30   1.90558   0.15   1.35563   1.38   0.13310   0.45   1.68449   1.10   0.22064   0.28   2.3   0.80430   0.28   1.90558   0.15   1.35563   1.38   0.13314   0.45   1.68449   1.10		1												
19					-									
20														
1	Į.	<u> </u>												1
192   0.80247   0.28   1.90442   0.15   1.34487   1.35   0.12868   0.43   1.67501   1.08   0.22425   0.28   37   0.80264   0.30   1.90452   0.15   1.34650   1.37   0.12891   0.43   1.67505   1.10   0.22442   0.28   37   0.80292   0.28   1.90490   0.15   1.34650   1.37   0.12912   0.43   1.67752   1.10   0.22445   0.22   36   0.80316   0.30   1.90480   0.15   1.34868   1.37   0.12917   0.43   1.67858   1.08   0.22476   0.28   37   0.80334   0.28   1.90490   0.15   1.34806   1.37   0.13900   0.43   1.67858   1.08   0.22476   0.28   38   0.80316   0.28   1.90490   0.15   1.34806   1.37   0.13900   0.43   1.67858   1.10   0.22571   0.22   38   0.80316   0.28   1.90490   0.17   1.34878   1.37   0.13900   0.43   1.67919   1.0   0.22571   0.28   38   0.80368   0.30   1.90509   0.15   1.35008   1.37   0.13000   0.43   1.67919   1.0   0.22571   0.28   38   0.80480   0.30   1.90557   0.15   1.35008   1.37   0.13079   0.45   1.68911   1.0   0.22571   0.28   38   0.80480   0.30   1.90537   0.15   1.35142   1.37   0.13079   0.45   1.68117   1.10   0.22561   0.28   38   0.80480   0.30   1.90565   0.15   1.35389   1.38   0.13168   0.45   1.68381   1.0   0.22578   0.28   29   0.80450   0.30   1.90565   0.15   1.35589   1.38   0.13168   0.45   1.68381   1.10   0.22647   0.28   36   0.80448   0.28   1.90565   0.15   1.35587   1.37   0.13185   0.43   1.68381   1.10   0.22647   0.28   38   0.80524   0.28   1.90580   0.15   1.35637   1.37   0.13238   0.43   1.68849   1.10   0.22647   0.28   38   0.80524   0.28   1.90690   0.15   1.35602   1.38   0.13316   0.45   1.68849   1.10   0.22647   0.28   38   0.80524   0.28   1.90690   0.15   1.35602   1.38   0.13316   0.45   1.68845   1.12   0.22666   0.28   2.3   0.80540   0.28   1.90600   0.15   1.35602   1.38   0.13317   0.45   1.68715   1.12   0.22664   0.28   2.3   0.80524   0.28   1.90690   0.15   1.35602   1.38   0.13317   0.45   1.68851   1.12   0.22664   0.28   1.08060   0.28   1.90600   0.15   1.36601   1.38   0.13317   0.45   1.68852   1.12   0.222608   0.28   1.08060   0.28														
183   0-80264   0-30   1-90462   0-17   1-34568   1-37   0-12804   0-46   1-67056   1-10   0-22459   0-28   36		ì								1				
25	23	0.80264		1.90452	0.17		1.37							
0.80816	24	0.80283	0.28	1.90462	0.15	1.34650	1.37	0.12921	0.43	1.67722	1.10	0.22459	0.28	36
0.80334   0.28   1.90490   0.15   1.34896   1.37   0.13000   0.43   1.67919   1.10   0.22510   0.28   33   28   0.80351   0.28   1.90490   0.15   1.34978   1.37   0.13026   0.45   1.67885   1.10   0.22527   0.28   32   0.80368   0.30   1.90509   0.15   1.35060   1.37   0.13053   0.43   1.688651   1.10   0.22564   0.28   31   0.80403   0.28   1.90527   0.17   1.35224   1.38   0.13079   0.45   1.68183   1.10   0.22578   0.28   29   0.80438   0.28   1.90527   0.15   1.353637   1.37   0.13132   0.43   1.68883   1.10   0.22575   0.30   23   0.80438   0.28   1.90565   0.15   1.353637   1.37   0.13132   0.43   1.68832   1.10   0.22575   0.30   2.8   33   0.80438   0.28   1.90565   0.17   1.35472   1.37   0.13132   0.43   1.68832   1.12   0.22030   0.28   27   3.5   0.80472   0.28   1.90565   0.17   1.35637   1.37   0.13238   0.43   1.68849   1.10   0.22614   0.28   24   3.5   0.80507   0.28   1.90565   0.15   1.35534   1.38   0.13211   0.45   1.68449   1.10   0.22664   0.28   24   37   0.80507   0.28   1.90563   0.15   1.35637   1.37   0.13238   0.43   1.68545   1.12   0.22664   0.28   24   38   0.80524   0.28   1.90602   0.15   1.35885   1.38   0.13214   0.45   1.68645   1.12   0.22664   0.28   23   38   0.80524   0.28   1.90602   0.15   1.35885   1.38   0.13370   0.45   1.68645   1.12   0.22715   0.22   21   0.80576   0.28   1.90602   0.15   1.36865   1.38   0.13370   0.45   1.68848   1.12   0.22757   0.22   21   0.80503   0.28   1.90602   0.15   1.36865   1.38   0.13370   0.45   1.68848   1.12   0.22757   0.22   21   0.80602   0.28   1.90602   0.15   1.36637   1.38   0.13344   0.43   1.68645   1.12   0.22775   0.22   21   0.80602   0.28   1.90602   0.15   1.36636   1.38   0.13344   0.43   1.68848   1.12   0.22775   0.22   21   0.80602   0.28   1.90602   0.15   1.36636   1.38   0.13344   0.45   1.68848   1.12   0.22776   0.28   1.44   0.80627   0.28   1.90602   0.15   1.36636   1.38   0.13344   0.45   1.68848   1.12   0.22776   0.22   1.44   0.80602   0.28   1.90605   0.15   1.36636   1.38   0.13344   0.45   1.688	25	0.80299	0.28	1.90471	0.15	1.34732	1.37	0.12947	0.43	1.67788	1.08	0.22476	0.28	35
28   0.80351   0.28   1.90490   0.17   1.34978   1.37   0.13026   0.45   1.67085   1.10   0.22527   0.28   32     29   0.80368   0.30   1.90500   0.15   1.35060   1.37   0.13053   0.43   1.68051   1.10   0.22544   0.28   31     0.80403   0.28   1.90518   0.15   1.35142   1.37   0.13079   0.45   1.68117   1.10   0.22578   0.28   32     0.804120   0.30   1.90597   0.15   1.35224   1.38   0.13106   0.43   1.68117   1.10   0.22578   0.28   29     32   0.804130   0.28   1.90567   0.15   1.35307   1.37   0.13132   0.43   1.68250   1.10   0.22578   0.28   29     34   0.80455   0.28   1.90565   0.17   1.35472   1.37   0.13185   0.45   1.68316   1.10   0.22513   0.28   27     34   0.804172   0.28   1.90565   0.17   1.35547   1.37   0.13185   0.43   1.68382   1.12   0.22630   0.28   27     35   0.80479   0.28   1.90565   0.15   1.35554   1.38   0.13158   0.43   1.68382   1.12   0.22630   0.28   27     36   0.804190   0.30   1.90574   0.15   1.35554   1.38   0.13211   0.45   1.68449   1.10   0.22647   0.28   24     37   0.80507   0.28   1.90592   0.15   1.35802   1.38   0.13264   0.45   1.68582   1.10   0.22681   0.28   23     38   0.80524   0.28   1.90592   0.15   1.35802   1.38   0.13291   0.43   1.68765   1.12   0.22681   0.28   23     39   0.80540   0.28   1.90602   0.15   1.35968   1.38   0.13317   0.45   1.68765   1.12   0.22715   0.22   21     40   0.80576   0.28   1.90600   0.15   1.36051   1.38   0.13370   0.45   1.68765   1.12   0.22715   0.22   18     41   0.80576   0.28   1.90630   0.15   1.36051   1.38   0.13370   0.45   1.68848   1.12   0.22715   0.22   18     42   0.80503   0.38   1.90630   0.15   1.36051   1.38   0.13370   0.45   1.68848   1.12   0.22715   0.22   18     43   0.80610   0.28   1.90630   0.15   1.36051   1.38   0.13370   0.45   1.68848   1.12   0.22715   0.22   18     44   0.80677   0.28   1.90667   0.15   1.36051   1.38   0.13370   0.45   1.68848   1.12   0.22715   0.22   18     45   0.80670   0.28   1.90667   0.15   1.36649   1.40   0.13852   0.43   1.69852   1.12   0.22767   0.22   18									0.45					
29		,												
0.80386   0.28   1.90518   0.15   1.35142   1.37   0.13079   0.45   1.68117   1.10   0.22561   0.28   30   0.80403   0.28   1.90527   0.17   1.35224   1.38   0.18106   0.43   1.68183   1.10   0.22578   0.28   29   32   0.80420   0.30   1.90537   0.15   1.35307   1.37   0.13132   0.43   1.68250   1.10   0.22595   0.30   28   33   0.80438   0.28   1.90546   0.15   1.35389   1.38   0.13158   0.45   1.68316   1.10   0.22595   0.28   29   34   0.80455   0.28   1.90555   0.17   1.35472   1.37   0.13185   0.43   1.68316   1.10   0.22637   0.28   27   34   0.80455   0.28   1.90555   0.17   1.35472   1.37   0.13185   0.43   1.68382   1.12   0.22630   0.28   26   36   0.80489   0.30   1.90574   0.15   1.35637   1.37   0.13238   0.43   1.68515   1.12   0.22647   0.28   24   38   0.80524   0.28   1.90592   0.15   1.35802   1.38   0.13264   0.45   1.68852   1.10   0.22681   0.28   23   38   0.80524   0.28   1.90592   0.17   1.35802   1.38   0.13264   0.45   1.68782   1.10   0.22683   0.28   23   0.80541   0.28   1.90602   0.15   1.35885   1.38   0.13370   0.45   1.68782   1.10   0.22715   0.28   21   0.80557   0.28   1.90602   0.17   1.356051   1.38   0.13370   0.45   1.68848   1.12   0.22715   0.28   21   0.80557   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68848   1.12   0.22767   0.28   1.40   0.80576   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68848   1.12   0.22767   0.28   1.40   0.80627   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68848   1.12   0.22767   0.28   1.40   0.80627   0.28   1.90630   0.15   1.36134   1.38   0.13476   0.43   1.68848   1.12   0.22767   0.28   1.40   0.80627   0.28   1.90630   0.15   1.36333   1.38   0.13476   0.43   1.6916   1.12   0.22830   0.28   1.40   0.80670   0.28   1.90630   0.15   1.36363   1.38   0.13476   0.43   1.6916   1.12   0.22830   0.28   1.40   0.80748   0.28   1.90630   0.15   1.36363   1.38   0.13555   0.45   1.69385   1.12   0.22830   0.28   1.40   0.80713   0.28   1.90630   0.15   1.36666   1.38   0.13682   0.44   1.		1								1				
S1	1	!				ſ				1				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$														
33   0.80438   0.28   f.90546   0.15   1.35389   1.38   0.13158   0.45   1.68316   1.10   0.22613   0.28   27     34   0.80455   0.28   f.90555   0.17   1.35472   1.37   0.13185   0.45   1.68382   1.12   0.22630   0.28   26     35   0.80489   0.30   1.90574   0.15   1.35554   1.38   0.13211   0.45   1.68582   1.10   0.22664   0.28   24     37   0.80507   0.28   f.90583   0.15   1.355637   1.37   0.13284   0.45   1.68585   1.12   0.22664   0.28   24     38   0.80524   0.28   f.90592   0.17   f.35802   1.38   0.13264   0.45   1.68582   1.10   0.22681   0.28   23     39   0.80541   0.28   f.90602   0.15   f.35885   f.38   0.13291   0.45   f.68648   1.12   0.22608   0.28   22     40   0.80558   0.30   f.90611   0.15   f.35865   f.38   0.13317   0.45   f.68715   f.12   0.22715   0.28   21     41   0.80570   0.28   f.90630   0.15   f.36681   f.38   0.13317   0.45   f.68782   f.10   0.22732   0.30   20     42   0.80593   0.28   f.90630   0.15   f.36681   f.38   0.13397   0.45   f.68848   f.12   0.22750   0.28   f.90630   0.15   f.36611   f.38   0.13397   0.45   f.68915   f.12   0.22767   0.28   f.90648   0.15   f.36300   f.38   0.13440   0.45   f.68915   f.12   0.22767   0.28   f.90648   0.15   f.36300   f.38   0.13440   0.45   f.68915   f.12   0.22767   0.28   f.90648   0.15   f.36300   f.38   0.13476   0.45   f.69183   f.12   0.22801   0.30   f.90685   0.15   f.36666   f.38   0.13476   0.45   f.69183   f.12   0.22801   0.30   f.90685   f.15   f.36665   f.38   0.13555   0.45   f.69183   f.12   0.22870   0.30   f.90685   f.15   f.366549   f.40   0.13529   0.45   f.69183   f.12   0.22870   0.30   f.90685   f.15   f.366549   f.40   0.13529   0.45   f.69183   f.12   0.22870   0.30   f.90685   f.15   f.36666   f.38   0.13665   f.45   f.69183   f.12   0.22870   0.30   f.90685   f.15   f.366549   f.40   0.13688   f.40   f.69555   f.13   0.22957   0.28   f.90670   0.28   f.90685   0.15   f.36666   f.38   0.13665   f.45   f.69183   f.12   0.22870   0.30   f.90685   f.15   f.36666   f.38   f.36655   f.36655   f.38   f.69555														
34   0.80455   0.28   1.90555   0.17   1.35472   1.37   0.13185   0.43   1.68382   1.12   0.22630   0.28   26   35   0.80480   0.30   1.90574   0.15   1.35637   1.37   0.13238   0.43   1.68481   1.10   0.22647   0.28   24   24   24   24   24   24   24														
36			0.28	1.90555	0.17	1.35472			0.43			0.22630	0.28	26
36   0.80449   0.50   1.90574   0.15   1.35637   1.37   0.13238   0.43   1.68515   1.12   0.22664   0.28   24   37   0.80507   0.28   1.90592   0.17   1.35802   1.38   0.13264   0.45   1.68582   1.10   0.22681   0.28   23   39   0.80524   0.28   1.90692   0.15   1.35855   1.38   0.13210   0.43   1.68648   1.12   0.22698   0.28   22   24   0.80558   0.30   1.90611   0.15   1.35865   1.38   0.13317   0.45   1.68715   1.12   0.22715   0.28   21   0.80558   0.28   1.90620   0.17   1.36651   1.38   0.13370   0.45   1.68848   1.12   0.22750   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68848   1.12   0.22750   0.28   1.9   0.80503   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68915   1.12   0.22750   0.28   1.9   0.80503   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68915   1.12   0.22767   0.28   1.9   0.80602   0.28   1.90630   0.15   1.36134   1.38   0.13370   0.45   1.68915   1.12   0.22767   0.28   1.9   0.80627   0.28   1.90630   0.15   1.36300   1.38   0.13476   0.43   1.68982   1.12   0.22784   0.28   1.9   0.80662   0.28   1.90667   0.15   1.36466   1.38   0.13476   0.43   1.69049   1.12   0.22819   0.28   1.9   0.80662   0.28   1.90667   0.15   1.36466   1.38   0.13476   0.43   1.69166   1.12   0.22836   0.28   1.4   0.80679   0.28   1.90685   0.15   1.36466   1.38   0.13502   0.45   1.69183   1.12   0.22850   0.28   1.4   0.80679   0.28   1.90685   0.15   1.36549   1.40   0.13529   0.43   1.69250   1.13   0.22857   0.28   1.4   0.80679   0.28   1.90685   0.15   1.36549   1.40   0.13529   0.43   1.69250   1.13   0.22870   0.30   1.2   0.80730   0.30   1.90704   0.15   1.36600   1.88   0.13565   0.45   1.69385   1.12   0.22888   0.28   1.1   0.80731   0.28   1.90685   0.15   1.36883   1.40   0.13585   0.45   1.69385   1.12   0.222870   0.30   1.2   0.80732   0.28   1.90731   0.15   1.36883   1.40   0.13688   0.45   1.69587   1.13   0.229974   0.28   1.5   0.80748   0.28   1.90731   0.17   1.37050   1.40   0.13741   0.45   1.69555   1.13   0.229974   0.28   1.	35	0.80472	0.28	1.90565	0.15	1.35554	1.38	0.13211	0.45	1.68449	1.10	0.22647	0.28	25
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						1.35637			0.43					
30														
40         0.80558         0.30         1.90611         0.15         1.35968         1.38         0.13344         0.43         1.68782         1.10         0.22732         0.30         20           41         0.80576         0.28         1.90620         0.17         1.36051         1.38         0.13370         0.45         1.68848         1.12         0.22750         0.28         19           42         0.80610         0.28         1.90630         0.15         1.36134         1.38         0.13397         0.43         1.68915         1.12         0.22767         0.28         18           44         0.80627         0.28         1.90639         0.15         1.36300         1.38         0.13449         0.45         1.69049         1.12         0.22801         0.28         1.7           45         0.80664         0.30         1.90657         0.17         1.36330         1.38         0.13476         0.43         1.69049         1.12         0.22801         0.28         1.7           46         0.80662         0.28         1.90657         0.15         1.363606         1.38         0.13476         0.43         1.69183         1.12         0.228819         0.28         1.4														
41         0.80576         0.28         1.90620         0.17         1.36051         1.38         0.13370         0.45         1.68848         1.12         0.22750         0.28         19           42         0.80503         0.28         1.90630         0.15         1.36134         1.38         0.13370         0.43         1.68915         1.12         0.22767         0.28         18           44         0.80627         0.28         1.90639         0.15         1.36217         1.38         0.13423         0.43         1.68915         1.12         0.22784         0.28         17           44         0.80627         0.28         1.90648         0.15         1.36300         1.38         0.13449         0.45         1.69049         1.12         0.22810         0.30         16           45         0.80662         0.28         1.90667         0.15         1.36466         1.38         0.13502         0.43         1.6916         1.12         0.22819         0.28         1.5           47         0.80679         0.28         1.90676         0.15         1.36563         1.38         0.13550         0.45         1.69183         1.12         0.22870         0.28         1.2 <td>ı</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ł</td> <td></td> <td></td> <td></td> <td></td>	ı	1								ł				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		\$ .												
43														
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						1				1				
46         0.80662         0.28         f.90667         0.15         1.36466         f.38         0.18502         0.45         1.69183         1.12         0.22836         0.28         1.47           47         0.80679         0.28         f.90676         0.15         f.36549         f.40         0.13529         0.43         f.69250         f.13         0.22853         0.28         f.3           48         0.80690         0.28         f.90685         0.15         f.36633         f.38         0.13555         0.45         f.69250         f.13         0.22870         0.30         f.2 <td>1</td> <td>0.80627</td> <td>0.28</td> <td>1.90048</td> <td>0.15</td> <td>1.36300</td> <td>1.38</td> <td>0.13449</td> <td>0.45</td> <td>1.69049</td> <td>1.12</td> <td>0.22801</td> <td>0.30</td> <td>16</td>	1	0.80627	0.28	1.90048	0.15	1.36300	1.38	0.13449	0.45	1.69049	1.12	0.22801	0.30	16
46	45	0.80044	0.30	1.90657	0.17	1.36383	1.38	0.13476	0.43	1.69116	1.12	0.22819	0.28	15
48         0.80696         0.28         1.90685         0.15         1.36633         1.38         0.13555         0.45         1.69318         1.12         0.22870         0.30         12           49         0.80713         0.28         1.90694         0.17         1.36716         1.40         0.18582         0.43         1.69385         1.12         0.22888         0.28         11           50         0.80730         0.30         6.90704         0.15         1.36800         1.38         0.13608         0.45         1.69452         1.13         0.22905         0.28         10           51         0.80748         0.28         1.90713         0.15         1.36883         1.40         0.13635         0.45         1.69520         1.12         0.22902         0.28         9           52         0.80765         0.28         1.90731         0.15         1.36967         1.38         0.13662         0.43         1.69520         1.13         0.22939         0.28         9           53         0.80782         0.28         1.90731         0.17         1.37050         1.40         0.13688         0.45         1.69655         1.13         0.22957         0.28         7		1	0.28	1.90067	0.15	1.36466	1.38	0.13502	0.45	1.69183	1.12			1 1 - 1
49         0.80713         0.28         1.90694         0.17         1.36716         1.40         0.13582         0.43         1.69385         1.12         0.22888         0.28         11           50         0.80730         0.30         1.90704         0.15         1.36800         1.38         0.13608         0.45         1.69452         1.13         0.22905         0.28         10           51         0.80748         0.28         1.90713         0.15         1.36883         1.40         0.13635         0.45         1.69520         1.12         0.22922         0.28         9           52         0.80765         0.28         1.90731         0.15         1.36967         1.38         0.13662         0.43         1.69520         1.12         0.22932         0.28         9           53         0.80765         0.28         1.90731         0.17         1.37050         1.40         0.13688         0.45         1.69520         1.13         0.22937         0.28         9           54         0.80769         0.28         1.90731         0.15         1.37052         1.40         0.13741         0.45         1.69723         1.12         0.22977         0.28         6				1.90676	0.15	1.36549	1.40	0.13529	0.43					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			0.28	1.00085	0.15	1.36633	1.38	0.13555	0.45	1.6000 ×	1.19	0.22870		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1	1												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 .													
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$														
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1									1.13	0.22957	0.28	7
56       0.80883       0.28       1.90759       0.15       1.37302       1.40       0.13768       0.43       1.69858       1.13       0.23009       0.28       4         57       0.80850       0.28       1.90768       0.15       1.37386       1.40       0.13794       0.45       1.69926       1.13       0.23026       0.28       3         58       0.80867       0.30       1.90777       0.17       1.37470       1.40       0.13821       0.43       1.69926       1.13       0.23043       0.30       2         59       0.80885       0.28       1.90787       0.15       1.37554       1.40       0.13847       0.45       1.70062       1.13       0.23061       0.28       1         60       0.80902       1.90796       1.37638       1.13874       1.70130       0.23078       0									0.43	1.69723	1.12	0.22974	0.28	6
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	55	0.80810	0.28	1.90750	0.15	1.37218	1.40							
57       0.80867       0.80       1.90777       0.17       1.37470       1.40       0.13821       0.43       1.69994       1.13       0.23043       0.30       2         59       0.80885       0.28       1.90787       0.15       1.37554       1.40       0.13847       0.45       1.70062       1.13       0.23061       0.28       1         60       0.80902       1.90796       1.37638       1.13874       1.70130       0.23078       0	•	0.80835	0.28	1.90759	0.15	1.37302	1.40			1				
59     0.80885     0.28     1.90787     0.15     1.37554     1.40     0.13847     0.45     1.70062     1.13     0.23061     0.28     1       60     0.80902     1.90796     1.37638     1.13874     1.70180     0.23078     0														
60 0-80902 T-90796 1-37638 1-13874 1-70180 0-23078 0														1 -
80 0.80903 1.30700 1.31030 1.13014 1.1010	1	1		17he	0.10	i			0.30	1				
Cos. D. 1". Log Cos. D. 1". Cot. D. 1". Log Cot. D. 1". Cosec. D. 1". Log Cosec. D. 1".	60	0.80802	15************************************	management and a contract of the contract of t	, who will recognize the	and the company of th	-	STATE OF THE PARTY		-			75.74	-1
		Coa.	D. 1".	. Log Cos.	D. 1".	. Cot.	D. 1"	. Log Cot.	ມ. 1″	. Cosec.	D. 1″.	Log Cosec	5. 1J. 1"	•   '

54°	T T/T		1 O IAT I							1		1
.,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. I".	••	D. 1".
	0.0000	0.28	T-90796	0.15	1.37638	1.40	0.13874	0.43	1.70130	1.13	0.23078	0.30 60
0	0.80902 $0.80919$	0.28	Ī.90805	0.15	1.37722	1.42	0.13900	0.45	1.70198	1.15	0.23096	0.28 59
2	0.80936	0.28	T-90814	0.15	1.37807	1.40	0.13927	0.45	1.70267	1.13	0.23113	0.28 58
3	0.80953	0.28	T-90823	0.15	1.37891	1.42	0.13954	0.43	1.70335	1.13	0.23130	0.30 57
4	0.80970	0.28	1.90832	0.17	1.37976	1.40	0-13980		1.70403	1.15	0.23148	0.28 56
i 1	0.80987	0.28	I-90842	0.15	1.88060	1.42	0.14007	0.43		1.13	0.23165	0.30 55
5 6	0.81004		T-90851	0.15	1.38145	1-40	0.14033		1.70540	1.15	0.23183	0.28 54
7	0.81004	0.28	T-90860	0.15	1.38229	1.42	0.14060		1.70609	1.13	0.23200	0.30 53
8	0.81038	0.28	T-90869	0.15	1.38814	1.42	0.14087		1.70677	1-15	0.23218	0.28 52
9	0.81055	0.28	1.90878	0.15	1.38399	1.42	0.14113		1.70746		0.23235	0.30 21
10	0.81072	0.28	I-90887	0.15	1.38484	1.40	0-14140		1.70815	1.15	0.23253	0.28 50
11	0.81089	0.28	Ī.90896	0.17	1.38568	1.42	0.14166	0.45	1 70884	1/15	0.23270	0.30 49
$\tilde{12}$	0.81106		T-90906	0.15	1.88658	1.42	0.14193		1-70953	1.15	0.23288	0.28 48
13	0.81123		T-90915	0.15	1.88738	1.48	0.14220	0.43	1-71022	1:15 1:15	0-23305 0-23323	0.30 47
14	0.81140	0.28	1.90924	0.15	1.38824	1.42	0-14246	0.45				0.28 46
15	0.81157	0.28	T-90933	0.15	1.38909	1.42	0.14278	0.45	1.71160	1:15	0 23340	0.30 45
16	0.81174		1.90942	0.15	1.38094	1.42	0.14300	0.43	1.71220	1.15	0.23358	0 28 44
17	0.81191		T-90951	0.15	1.39079	1.43	0.14326		1.71298	1-17	0.23375	0.30 43
18	0.81208		1.00060	0.15	1.89165	1.42	0-14353 0-14380		1.71437	1.15	0-23398 0-23410	0.28 42 0.30 41
19	0.81225	0.28	1.90969	0.15	1.39250	1.48			i			
20	0.81242	0.28	I-90978	0.15	1.89336	1.42	0.14406	0.45	171506	1.17	0.23428	0.30 40
21	0.81259	0.28	1.90987	0.15	1.39421	1.43	0.14433		171576	1.15	0 23446 0 23463	0.28 39
22	0.81276		T-90996	0.15	1.39507	1.43	0-14460 0-14486		1-71715	1.17	0.23481	0.30 38
23	0.81293		I.91005	0.15	1.89598 1.89679	1.42	0.14518		1-71785	1-17	0 23499	0 28 36
24	0.81310	0.28	1.91014	0.15	1				i	1-17		1
25	0.81327		I-91023	0.17	1.39764	1-43	0.14540		171855	1 17	0 23516 0 23534	0.30 35
26	0.81344		T-91033	0.15	1.39850	1-43 1-43	0:14566 0:14593	0.45	1.71995	1 17	0 23552	0.30 34
27	0.81361		I-91042	0.15	1-39936   1-40023	1:45	0.14620	0.43		1-17	0-23569	0.30 32
28 29	0.81378		T-91051 T-91060	0·15	1.40109	1-43	0-14646	0.45	1-72135	1 17	0 23587	0.30 31
	0.81395				1 40195	1.43	0.14673	0.45	1 72205	1 17	0-23605	0-28 30
30	0.81412		I-91069	0.15	1.40281	1.43	0-14700	0.45		iis	0 23622	0.30 29
$\begin{vmatrix} 31 \\ 32 \end{vmatrix}$	0.81428 0.81445		T.91078 T.91087	0.15	1.40367	1 45	0 14727		1 72340	1 17	0 23640	0 30 28
33	0.81462		I-91096	0.15	1.40454	1.43	0.14753	0.45	1.72416	1-18	0 23658	0.30 27
34	0.81479		T.91105	0.15	1.40540	1.45	0.14780	0.45	172187	1 17	0.23676	0.28 26
35			T.91114		1.40027	1.45	0-14807	0.45	1-72557	1-11	0.23693	0.30 25
36	0.81496   0.81513		1.91113	0.15	1.40714	1.43	0-14884		1.72028	1:17	0 23711	0.30 21
37	0.81530		Î-91132		1.40800	1-45	0-14860		1 7260×	1 18	0 23729	0.30 23
38	0.81546		1.91141	0.13	1.40887	1.45	0.14887	0 45	1-72769	1.18	0 23747	0.28 22
39	0.81563		T-91149	0.15	1-40974	1.45	0.14914	0.45	1 72840	1 1 1 1	0 23764	0.30 21
40	0.81580	0.28	T-91158	0.15	1-41061	1.45	0.14941	0.43	172011	1 18	0.23782	0.30 ; 20
41	0.81597		Ĩ-91167	0.15	1-41148	1.45	0.14967		1 72082	1.18	0.22800	0.30 19
42	0.81614		T-91176	0.15	1.41235	1.45	0.14994		1 73053	1 1 1 1	DUBLIN	0.30 18
43	0.81631		Í-91185	0.15	1.41822	1.45	0-15021		1 73124	1 14	u gasad	0 30 17
44	0.81647	0.28	1.91194	0.15	1-41409	1.47	0.15048	,	1 73105	1 20	o gant i	0 2H 16
45	0.81664		1.91203	0.15	1-41497	1.45	0.15075		1 73267	1 114	0 23871	0.30 15
46	0.81681		1.91212	0.15	1.41684	1 47	0-15101		1 Tanan	1.1%	o ganap	0.30 14
47	0.81698		1.91221	0.15	1.41072	1-45	0-15128		1 73 400	1.20	n ganny	0 30 18
48	0.81714		1.01230		1.41759	1 47	0 15155	បុងភេ: ភពៈ	173481	1 1 H 1 2 O	0 93995	0 30 12
49	0.81731		T-01289	0.15	1-41847	1 45	0 15182	:	1 70552		0 23943	0 30 11
50			T-91248	0.15	1-41934	1.47	0 15209		173634	1 20	a gundi	0.30,10
51 52			I-91257 I-91266	0.15	1.42022	1.47	0.15230		1 73696	1 20	47 23 97 9	030 9
53	0.81782		1.91266	0·13 0·15	1.42110 1.42198	1:47	0-15262 0-15289		1 73768 1 73840	1 20	0 23997 0 24015	0.30 8
54			1.91283	0.15	1-42286	1-47 1-47	0.15316		1 73911	1 20	0 24033	0.30 6
55	i		T-91292	0.15	1.42374				:			u 30 5
56	0.81848		T-91301	0.15	1.42462	1 47	0-15343 0-15370	0.45	1 73983	1 22	0.24051	030 4
57			Ī.91310	0.15	1.42550	1.47	0 15397		174128	1 311	0 24057	0.30 3
58			T-91319	0.15	1.42638	1 47	0-15424		1.74200	1 20	0 64105	0.30 2
59	0.81899		I-91328	0.18	1-42726	1.48	0-15450		174272	1 22	0 24123	030 1
60	0.81915		T-91336		1-42815		0-15477		1.74845		0 24141	. 0
	Cos.		Log ('os.	**************************************	terms on accordance	nersonominatur-	29 100			# a # 27		* *
		10, 1° .	riog cos.	12, 1",	Cot.	D. F.	Log Cut.	12, 17,	Camprel.	47.4	Lag Camp	D. P'. 1

			11511/						( IU)	-11/	LUG	<u>٠</u> . ،	<del>)</del>	
1	Sine.	D. 1".	Log Sin. ]	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".		
	$0.81915 \\ 0.81932$		$\overline{1}.91336$ $\overline{1}.91345$				0.15477 $0.15504$		1.74345		0.24141		60	
											$0.24159 \\ 0.24177$	$0.30 \\ 0.30$	59 58	
3	0.81965	0.28	1.91363	0.15	1.43080	1.48	0.15558	0.45	1.74562	1.22	0.24195	0.30	57	
- 1				- 1	1.43169			1				0.30	56	
- 1											0.24231 $0.24249$	$0.30 \\ 0.30$	55 54	
7	0.82032	0.27	T-91398	0.15	1.43436						0.24243	0.32	53	
					1.43525			0.45	1.74927	1.22	0.24286	0.30	52	
				- 1	1·43614 1·43703							0.30	51	
									1·75073 1·75146		$0.24322 \\ 0.24340$	0.30	50 49	
12	0.82115	0.28		0.15	1.43881	1.48	0.15800	0.45	1.75219	1.23	0.24358	0.30	48	
$egin{array}{c c} 13 & 14 & 14 \\ \hline 14 & 14 & 14 \\ \hline \end{array}$			T·91451 T·91460		1·43970 1·44060		0.15827 $0.15854$		1.75293 $1.75366$		$0.24376 \\ 0.24395$	$0.32 \mid 0.30 \mid$	47 46	
15			T.91469	1	1.44149			1				0.30	45	
16	0.82181	0.28	1.91477	0.15	1.44239	1.50	0.15908	0.45	1.75513	1.23	0.24431	0.30	44	
1.7			T.01486				0.15935				0.24449	0.30	43	
$\frac{18}{10}$	0.82214 $0.82231$		1.91.495 1.91.504				0.15962 0.15989				0.24467 $0.24486$	$0.32 \\ 0.30$	42 41	
20				- 1	1.44598		0.16016		1.75808		0.24504		40	
21	0.82264	0.28	I-91521	0.15	1.44688	1.50	0.16043	0.45		1.23	0.24522	0.32	39	
22 23	$0.82281 \\ 0.82297$	$0.27 \\ 0.28$		0.13   0.15	1.44778 $1.44868$		0.16070 $0.16097$		1.75956 1.76031		0.24541 $0.24559$	0.300	38 37	
24	0.82314		T-91547	0.15	1.44958		0.16124		1.76105		0.24577	0.30	36	
25		0.28	1.91556				0.16151				0.24595		35	
26	0.82347	0.27			1.45139				1.76253 $1.76328$		$0.24614 \\ 0.24632$	$0.30 \\ 0.30$	34 33	
$\frac{27}{28}$	0.82363	0.28		0.15	1.45320	1.50	0.16232		1.76328 $1.76402$	1.25	0.24652 $0.24650$	0.32	32	
29		0.28			1.45410		0.16260		1.76477	1.25	0.24669	0.30	31	
30		0.27		0.15	1.45501				1.76552	1.23	0.24687		30	
$\frac{81}{82}$		$0.28 \\ 0.27$		$0.15 \\ 0.13$	1.45592 1.45682		0.16314 $0.16341$				$0.24706 \\ 0.24724$	0.30	29 28	,
33		0.27	1.91625	0.15	1.45773	1.52	0.16368	0.45	1.76776	1.25	0.24742	0.32	27	į
34	0.82478	0.28	1.91634	1	1.45864			-	1.76851	1.25	0.24761		26	
35	0.82405	$0.27 \\ 0.28$	1.91643 1.91651		1.45955				1.76926 $1.77001$	$\substack{1\cdot25\\1\cdot27}$	0.24779 $0.24798$	$0.32 \\ 0.30$		ı
36 37	0.82511	0.27		0.15	1.46137				1.77077	1.25	0.24816	0.32	23	ĺ
88	0.82544	0.28	1.91669	0.13	1.46229	1.52			1.77152 $1.77227$	$\substack{1\cdot25\\1\cdot27}$	0.24835 $0.24853$	$0.30 \\ 0.32$	22 21	
89	0.82561	0.27	1.91077	0.15	1.46320	1.52	0·16530 0·16558		1.77303	1.25	0.24872	0.30	20	i
40	0.82577	$0.27 \\ 0.28$	1.91080		1.46411 1.46503	1.53	0.16585	0.45	1.77378	1.27	0.24890	0.32	19	
42	0.82610	0.27	1.91703	0.15	1.46595	1.52	0.16612	0.45	1.77454	1.27	0.24909 $0.24927$	$0.30 \\ 0.32$	18 17	ļ
43	0.82626	0·28 0·27	1.91712 $1.91720$	0·13 0·15	1.46686 1.46778	1.53 1.53	0·16639 0·16666	0.45		$\substack{1\cdot27\\1\cdot25}$	0.24927	0.32	16	
45	0.82659	0.27	1.91729		1.46870	1.53	0.16693	0.45	1.77681	1.27		0.32		
46	0.82675	0.28	1.91738	0.13	1.46962	1.52	0.16720	0.47	1.77757	1.27	0.24983	0.30		
47	0.82692	0.07	1.01788	0.19	11.47148	1.59	0·16748 0·16775	0.45	1.77910	$1.28 \\ 1.27$	0.25020	0.32	12	
48	0.82708	0.24	1.91768	0.18	1.47238	1.53	0.16802	0.45	1.77986	$\overline{1} \cdot \overline{27}$	0.25039	0.30	11	
50	0.82741	0.27	1.91772	0.15	1.47330		0.16829	0.45	1.78062	1.27	0.25057	0.32	10	l
51	0.82757	0.27	1.01781	0.13	1.47422	1.53	0.16856	0·45 0·47	1.78138	$1.28 \\ 1.27$	0.25076 0.25094	$0.30 \\ 0.32$	9 8	
52	0.82773	0·28 0·27	1.91789 1.91798	0·15 0·13	1.47514		0·16883 0·16911		1.78215 1.78291	1.28	0.25113	0.32	7	l
54	1	0.27	Î-91806				0.16938		1.78368	1.28	0.25182		1 -	Į
55	1	0.28	T-91815	0.13	1.47792		0.16965		1.78445	1.27	$0.25150 \\ 0.25169$	$0.32 \\ 0.32$		
	0.82839	0.27	T-91823		1.47885		0·16992 0·17020		1.78521 1.78598	$1.28 \\ 1.28$	0.25188	0.30	3	ŀ
57 58	*0.82855 *0.82871	0·27 0·27	1.91882 1.91840		1		0.17047	0.45	1.78675	1.28	0-25206			
59		0.28	7547 At 15 15 1 At		1.48168				1.78752	1.28	0.25225		1 0	1.
60	0.82904	and to so	T-91857	n paren a	1.48256		0.17101		1.78829		0.25244		-	1
	Cos.	D. 1".	. Log Cos.				Log Cot.				Log Cose	o. D.1"		Ī
-	***************************************	<u> </u>	Proportio	nal P	arts of th	e 'Co.	- Functio	ns mu	st be subt	racted		025	34	0
	Proportional Parts of the 'Co' Functions must be subtracted.  Proportional Parts of the other Functions must be added.  285													

JU	1 1/1	<u> </u>										
,	Sine.	D. 1".	Log Sin.	D. 1".	Tun.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".
0	0.82904	0.27	1.91857	0.15	1.48256	1.55	0.17101	0.47		1.28	0.25244	0.32 60
1	0.82920	0.27	1.91866	0.13	1.48349	1.55	0.17129	0.45	1.78906	1.30	0.25263	0.30 59
2	0.82936	0.28	1.91874	0.15	1.48442	1.57	0.17156	,	1.78984	1.28	0.25281	0.32 58
3	0.82953	0.27	1.91883	0.13	1.48536	1.55	0.17183	0.45	1-79061	1.28	0.25300	0.32 57
4	0.82969	0.27	1.91891	0.15	1.48629	1.55	0.17210	0.47	1.79138	1.30	0.25319	0.32   56
5	0.82985	0.27	T-91900	0.13	1.48722	1.57	0.17238	0.45	1.79216	1.28	0.25338	0.30 55
6	0.83001	0.27	1.91908	0.15	1.48816	1.55	0.17265	0.45	1.79293	1.30	0.25356	0.32 54
7	0.83017	0.28	1.91917	0.13	1.48909	1.57	0.17292	0.45	1.79371	1.30	0.25375	0.32 58
8	0.83034	0.27	1.91925	0.15	1.49003	1.57	0.17319	0.47	1.79449	1.30	0.25394	0.32 52
9	0.83050	0.27	1.91934	0.13	1.49097	1.55	0.17347	0.45	1.79527	1.28	0.25413	0.32 51
20	0.83066	0.27	1.91942	0.15	1.49190	1.57	0.17374	0.45	1.79604	1/30	0.25432	0.32 50
11	0.83082	0.27	1.91951	0.13	1.49284	1.57	0.17401	0.47	1-79682	1.32	0.25451	0.30 49
12	0.83098		1.91959	0.15	1.49378	1.57	0.17429	0.45		1-30	0-25469	0.32 48
13	0.83115	0.27	1.91968	0.13	1.49472	1.57	0-17456	0.45	1-79839	1.30	0.25488	0.32 47
14	0.83131	0.27	1.91976	0.15	1.49866	1.58	0.17483	0.47	1.79917	1.30	0.25507	0.32 46
15	0.83147	0.27	1.91985	0.13	1.49661	1.57	0.17511	0.45	1-79995	1.32	0.25526	0.32 45
16	0.83163	0.27	1.91993	0.15	1.49755	1.57	0.17538	0.45	1.80074	1/30	0.25545	0.32 44
17	0.83179	0.27	1.92002	0.13	1.49849	1.58	0.17565	0.47	1-80152	1.32	0-25564	0.32 43
18	0.83195	0.28	1.92010	0.13	1.49944	1.57	0.17593	0.45	1.80231	1.30	0.25583	0.32 42
19	0.83212	0.27	1.92018	0.15	1.50038	1.58	0.17620	0.47	1-80309	1.32	0.25602	0.32 41
20	0.83228	0.27	1.92027	0.13	1-50133	1.58	0.17648	0.45	1-80388	1.32	0-25621	0.32 40
21	0.83244	0.27	1.92035	0.15		1.57	0 17675	0-45	1-80467	1.32	0.25640	0.32 39
22	0.83260	0.27	1.92044	0.13	1.50322	1.58	0.17702	0.47	1 80546	1.32	ម ខ្លន់ឥន្ទម	0.32 38
23	0.83276	0.27	1.92052	0.13	1.50417	1.58	0.17730	0.45	1-80628	1.32	0.25678	0.32   37
24	0.83292	0.27	1.92060	0.15	1-50512	1.58	0.17757	0.47	1-80704	1.32	0.25697	0.88   86
25	0.83308	0.27	1.92069	0.13	1.50607	1.58	0.17785	0.45	1.80783	1.32	0.25716	0.32;35
26	0.83324	0.27	1.92077	0.15	1.50702	1.58	0.17812	0.45	1-80862	1 33	0.25735	0.32 34
27	0.83340	0.27	1.92086	0.13	1.50797	1.60	0.17839	0.47	1-80942	1.32	0-25764	0.32 33
.28	0.88356	0.28	1.92094	0.13	1.50898	1.58	0.17867	0.45		1 33	0.25773	0.82 32
29	0.83373	0.27	1.92102	0.15	1.00988	1.60	0.17894	11.47	1-81101	1 32	0 25792	0.32 31
30	0.83389	. 0.27	1.92111	0.13	1.51084	1.58	0-17922	0-45	1-81180	1.33	0.25811	0.32 80
31	0.83405	0.27	1.92119	0.13	1.51179	1.60	0.17949	0.47	1-81260	1 33	0.25830	0 32 29
32	0.83421	0.27	1.92127	0.15	1.51275	1.58	0.17977		1-81340	1 32	០ ខ្លួំងអូម	0.32 28
83	0.83437	0.27	1.92136	0.13	1.51370	1.60	0.18004		1.81419	1 33	0-25868	0.32   27
34	0.83453	0.27	1 92144	0.13	1.51406	1.60	0-18032	0.45	1 81499	1 33	0.25887	0.33 26
35	0.88469	0.27	1.92152	0.15	1.51562	1-60	0.18059	0.47	1 81579	1 33	0.25907	0 32 25
30	0.83485	0.27	1.92161	0.13	1.51658	1.60	0.18087	ម 4៦	181659	1 35	ម ដូចអន្តថ	0.32 24
87	0.83501	0.27	1.92169	0.13	1.51754	1.60	0.18114	0.47	1-81740	1 33	0.85945	0.32 28
38	0.83517	0.27	1.92177	0.15	1.61860	1.60	0.18142		1 81820	1 33	0.25964	0.32 22
80	0.83533	0.27	1.02186	0.13	1.51946	1 62	0.18169	0.47	1.81900	1/35	មានជាង	0.33 21
40	0.83549	0.27	1.92194	0.13	1-52048	1.60	0.18197		1-81081	1 33	0 26003	0.32 20
41	0.83565	0.27	1.92202	0.15	1.52139	1.60	0-18224		1.82061	1 35	0 36033	0.32 10
42	0.83581	0.27	1.02211	0.13	1.52235	1.62	0.18252		1 82142	1.83	0.38041	0.32 18
48	0.88597	0.27	1.02210	0.13	1.52332	1.63	0-18279		1 N2222	1 35	0 26060	0.32 17
44	0.88013	0.27	1.02227	0.13	1.52429	1.60	0-18307		1-82202	1 35	0 26079	0 33 10
45	0.83629	0.27	1.92235	0.15	1.52525	1.62	0.18334	0.47	1-82384	1/35	0 26099	0.32 15
46	0.83045		1.92244	0.13	1.52622	1.02	0.18362		1 82405	1 35	0 26118	0.32 14
47	0.88060		1.92252	0.13		1.62	0.18389		1 82546	1 85	0 26137	0 33 13
48	0.83676	0.27	1.92260	0.15		1.62	0-18417		1-K2027	1.37	0.26157	0 32 12
49	1		1.92269		1.52013	1.03	0.18444		:	1-35		0 32 11
50	0.83708		1.92277	0.13	1.63010	1.62	0.18472		1 82790	1 35	0.26195	0 33 10
51	0.83724		1.92285	0.13	1-53107	1.63	0.18500		1 82871	1 37	0.20215	0.32 9
52	0.88740		1.92293	0.15	1.53205	1.62	0.18527		1 82958	1 35	0.26234	0.32 8
58	0.83756		1.92302 1.92310	0.13	1.53302	1.68	0.18555		1-88084	137	0 20253	038 7
54	0.83772			0.13	1.53400	1.62	0-18582		1 83116	1 37	0 26273	0 32 6
55	0.83788		T-92318	0.13	1.53497	1.63	0.18610		1.83198	1.37	0 26292	0.32 5
56	0.83804		1.92326	0.15	1.53595	1.63	0.18638		1-83280	1 37	0.26311	0.33 4
57	0.88819		1.92335	0.13	1.53693	1.63	0-18665		EBERK-1	1.37	0.26331	0.35 8
58 80	0.88885	0·27 0·27	1.92343 1.92351	0.13	1.53791	1.62	0.18693		1.83444	1.37	0.36320	0 33 2 2 0 32 1
59	0.83851			0.13	1.53888	1.63	0.18721	រា.៤៦	1 83526	1.37	0-26870	
60	0.83867		T-92359	F 2000) x = -15,015,015,0140;g,	1.53086	Dr. von i Berningse	0·18748		1 83608		0 26389	0
L	Cos.	D. 1".	Log Cos.	D.1".	Cot.	D. 1".	Log Cot.	D. 1".	Coare,	1), 1",	Log Cosec	D. 1". /

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	CIGOI						, 1 1 0 1 4		~ 44.		LUU	J. J	_
	Sine, 1	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec. 1	0.1".	_
0			1.92359		1.53986		0.18748		1.83608				60
1			1.92367		1.54085	1.63	0.18776		1.83690				59
23		0.27	1.92376 $1.92384$		$1.54183 \\ 1.54281$	$1.63 \\ 1.63$	0.18804 $0.18831$		1.83773 1.83855			-	58 57
4	l .	0.27	1.92392		1.54379	1.65	0.18859		1.83938				56
5	0.83946	0.27	1 92400		1.54478	1.63	0.18887	1	1.84020			0.32	55
Ğ	0.83962	0.27	1.92408	- 1	1.54576	1.65	0.18914	0.47	1.84103				54
7		0.27	1.92416		1.54675	1.65	0.18942	0.47	1.84186				53
8	0.83994	0.25	1.02425		1.54774	1.65	0.18970	0.45	1.84269				52   51
9	0.84009	0.27	1.92433		1.54873	1.65	0.18997	0.47	1.84352			- 1	
10	0.84025	$0.27 \\ 0.27$	1.92441 1.92449		1.54972 $1.55071$	$1.65 \\ 1.65$	$0.19025 \\ 0.19053$	0.47	1.84435 1.84518				50 49
$\frac{11}{12}$	0.84057	0.25	1.92457		1.55170	1.65	0.19081	0.45	1.84601				48
13	0.84072	0.27	1.92465	0.13	1.55269	1.65	0.19108	0.47	1.84685				47
14	0.84088	0.27	1.92473	0.15	1.55368	1.65	0.19136	0.47	1.84768	1.40	0.26663	0.32	46
15	0.84104	0.27	1.92482	0.13	1.55467	1.67	0.19164	0.47	1.84852	1.38			45
16	0.84120	0.25	1.92490	0.13	1.55567	1.65	0.19192	0.45	1.84935				44
17	0.84135	0.27	1.92498 $1.92506$	0·13 0·13	1.55666 1.55766	$\frac{1.67}{1.67}$	$0.19219 \\ 0.19247$	$0.47 \\ 0.47$	1.85019 1.85103	$1.40 \\ 1.40$			43 42
18 19		0.27 0.25	1.92514	0.13	1.55866	1.67	0.19275	0.47	1.85187	1.40		-	41
1		0.27	1.92522	0.13	1.55966	1.65	0.19303	0.47	1.85271	1.40	0.26781	0.32	40
$\frac{20}{21}$	1	0.27	1.92530	0.13	1.56065	1.67	0.19331	0.45	1.85355	1.40			39
22	1	0.27	1.92538	0.13	1.56165	1.67	0.19358	0.47	1.85439	1.40	0.26820	0.33	38
23	0.84230	0.25	1.92546	0.15	1.56265	1.68	0.19386	0.47	1.85523	1.42	0.26840	0.33	37
24	0.84245	0.27	1.92555	0.13	1.56366	1.67	0.19414	0.17	1.85608	1.40	0.26860	0.32	36
25		0.27	1.92563	0.13	1.56466	1.67	0.19442	0.47	1.85692	1.42	0.26879	0.33   0.33	35 34
26		0.25 0.27	$\begin{array}{c} 1.92571 \\ 1.92579 \end{array}$	$0.13 \\ 0.13$	1.56566 1.56667	1.68 1.67	$0.19470 \\ 0.19498$	0·47 0·47	1.85777 1.85861	$1.40 \\ 1.42$	$0.26899 \\ 0.26919$	0.33	33
27		0.27	1.92587	0.13	1.56767	1.68	0.19526	0.45	1.85946	1.42	0.26939	0.33	32
21	1	0.25	1.92595		1.56868	1.68	0.19553	0.47	1.86031	1.42	0.26959	0.32	31
1	0-84339	0.27	1.92603	0.13	1.56969	1.67	0.19581	0.47	1.86116	1.42	0.26978	0.33	30
31		0.25	1.92611	0.13	1.57009	1.68	0.19609	0.47	1.86201	1.42	0.26998	0.33	29
3:	0.84370	0.27	1.92619		1.57170	1.68	0.19637	0.47		1.42	0.27018	0.33	28
33		0.27	1.02627		$1.57271 \\ 1.57372$	1.68 1.70	0·19665 0·19693	0·47 0·47	1.86371 1.86457	$1.43 \\ 1.42$	$0.27038 \\ 0.27058$	0.33   0.33	$\frac{27}{26}$
)	0.84402	0.25	1.92635					0.47	1.86542	1.42	0.27078	0.33	25
1 .	0.84417	0.27	- 1.92643 - 1.92651						1.86627	1.43	0.27098	0.32	24
31		0.25 0.27	1.02659		1			0.47		1.43	0.27117	0.33	23
31	1	0.27	1.92667		1			0.45		1.43	0.27137	0.33	22
33		0.25	1.92675	0.13	1.57879	1.70	0.19832	0.47	1.86885	1.42	0.27157	0.33	21
14	ก ่ ก-84495	0.27	1-02688	0.13	1.57981					1.43	0.27177	0.33	20
4	1 0.84611	0.25	1.92691								$0.27197 \\ 0.27217$	$0.33 \\ 0.33$	19 18
14		0.27	1.92699		1.58184						0.27217 $0.27237$	0.33	17
11		0.25	$\frac{1.92707}{1.92715}$		1 -						0.27257	0.33	16
1		0.25	1.9272		1				1 .		0.27277	0.33	15
4			1.92731						1.87488	1.43	0.27297	0.33	14
4			1.92789		1.58695	1.70	0.20056				0.27317	0.33	13
4	s 0-84619	0.27	1.92747	7 0.13							0.27337 $0.27357$	$0.33 \\ 0.35$	$\begin{array}{ c c }\hline 12\\11\\ \end{array}$
4	9 - 0-84635	0.25	1.9275		1.08900				1			0.33	10
15											$0.27378 \\ 0.27398$	0.33	10
15					1.59106						0.27418	0.33	8
9	2 084681 3 084697									1.47	0.27438	0.33	7
) h					)				1.88188	1.45	0.27458	0.33	6
1	5 0.84728					7 1.72	0.20281	0.47			0.27478	0.33	
1:	0 0.84748		1.2			0 1.72	2 0.20309				0.27498	0.33	
ľ		0.25	1.9281	8 0.13							$0.27518 \\ 0.27539$	0·35 0·33	
ħ	8 0.84774											0.33	1 -
ā	9 0.84789						0.2042		1.8870		0.27579		1
G	0 0.8480	manuscription of the second	1.9284	Alterial agranges and algebrases	1.6003	or contractors are submitted	assemble and the first of the second					יו ר	-
-	Cus.	1), 1	Log Co	s. D. P	. Cot.		". Log Cot				Log Cose	1, 1J, 1	
سما							1 77		4 7 7.		1		20

Jo	T T / T	u O I	A O TAT T	<i>,</i>		<i>,</i>					~~~~		٠.
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	1), 1",	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.84805	0.25	1.92842		1.60033	1.73	0.20421	0.47	1.88708	1.47	0.27579		60
1	0.84820	0.27	1.92850		1.60137	1.73	0.20449	0.47	1.88796	1-17	0.27599		59
2	0.84830	0.25	1.92858	0.13	1.60241	1.73	0.20477	0.47	1.88884	1.48	0.27619	, .,	58
3	0.84851	0.25	1.92866	0.13	1.60345	1.73	0.20505	0.47	1.88972	1.47	0.27640		57
4	0.84800	0.27	1.92874	0.12	1.60449	1.73	0.20534	0.47	1.89060	1.47	0.27660	0.33	56
5	0.84882	0.25	1.92881		1.60553	1.73	0.20562	0.47	1.89148	1.48	0.27680	0.35	55
6	0.84897		1.92889	0.13	1.60657	1.73	0.20590	0.47	1.89237	1.47	0.27701	0.33	54
7	0.84913	0.25	1.92897		1.60761	1.73	0.20618	0.47	1.89325	1.48	0.27721	0.33	58
8	0.84928	0.25	1.92905	1	1.60865	1.75	0.20646 0.20674	$0.47 \\ 0.48$	1.89414 $1.89503$	$\frac{1.48}{1.47}$	0.27741 $0.27762$	0.35	52
9	0.84943	0.27	1.92913	- 1	1.60970	1.73						0.33	51
	0.84959	0.25	1.92921		1.61074	1.75	0.20703	0.47	1.89591	1.48	0.27782	0.33	20
11	0.84974	0.25	1.02929		1.61179	1.73	0.20731	0.47	1.89680 1.89769	1.48	0.27802	0.35	49
12	0.84989	0.27	1.92936 1.92944		1.01283 $1.01388$	$\frac{1.75}{1.75}$	0.20759 0.20787	0.47	1.89858	1.50	0.27843	0.33 0.33	48
13 14	0.85005 0.85020	0·25 0·25	1.92952		1.61493	1.75	0.20815		1.89948	1-48	0.27863	0.35	47 46
				- 1									
15	0.85035	0.27	1.02960	0.13	1.61598	1.75	0-20844 0-20872	0.47	1-90037 1-90126	1.48 1.60	0.27884 $0.27904$	0.33	45
16	0.85051 0.85066	0·25 0·25	1.92968		1.61703 1.61808	$1.75 \\ 1.77$	0.20872	0.47	1-90216	1.48	0.27925	0.35   0.33	44
17 18	0.85081	0.25	1.02083		1.61914	1.75	0.20028	0.48	1-90305	1.60	0.27945	0.35	42
	0.88096	0.27	1.02001		1.02019	1.77	0.20957	0.47	1-90395	1.50	0.27966	0.33	41
1 1			1.02999	0.13	1.62125	1.75	0.20085	0-17	1-90485	1.50	0.27986	0.33	
20 21	0.85112 0.85127	0·25 0·25	1.02000		1.02120	1.77	0.21018	0.47	1.90575	1 50	0.28006	0.35	40 89
22	0.85142	0.25	1.93014		1.62336	1.77	0.21041	0-48	1.90665	1.50	0.28027	0.85	88
23	0.85157	0.27	1.98022	0.13	1.62442	1.77	0.21070	0.47	1-90735	1.50	0.28048	0.83	37
24	0.85173	0.25	1.98030	0.13	1:62548	1.77	0.21098	0.47	1.90845	1.50	0.28068	0.35	86
25	0.88188	0.25	1.93038	0.13	1-62654	1.77	0-21126	0.48	1.90935	1.62	0-28089	0.88	35
26	0.85203	0.25	1.93046	0.12	1.62760	1.77	0.21155	0.47	1-91026	1.50	0.28109	0.35	34
27	0.85218	0.27	1.93053		1.02866	1.77	0.21183	0.47	1.91116	1 52	0.28130	0.83	38
28	0.85234	0.25	1.93061	0.13	1.62972	1.78	0.21211	0.48	1-91207	1 50	0-28150	0.35	32
29	0.85249	0.25	1.93069	0.13	1.63079	1.77	0.21240	0.47	1-91297	1.52	0.28171	0.33	81
80	0.85264	0.25	1.93077	0.12	1.63185	1.78	0.21268	0.17	1-01388	1.52	0.28191	0.35	30
31	0.85279	0.25	1.93084	0.13	1.03292	1.77	0.21296	0.48	1 91 179	1 52	0.28212	0.35	29
82	0.85294	0.27	1.93092	0.13	1.63398	1.78	0.21325		1 91570	1 52	0-28233	0.33	28
88	0.85310	0.25	1.93100	0.13	1.63505	1.78	0.21353	0.48	1 91661	1.52	0.28253	0.35	27
84	0.85325	0.25	1.93108	0.12	1.63612	1.78	0.31383	0.47	1.91752	1.53	0 28274	0.85	26
35	0.85340	0.25	1.93115	0.18	1.68719	1.78	0.21410	0.47	1-91844	1 52	0.28295	0.88	25
36	0.85855	0.25	1.03123	0.13	1.63826	1.80	0.21438	0-48		1.53	0.28315	0.85	24
87	0.85370	0.25	1.93131	0.12	1.63934	1.78	0.21467	- 1	1 02027	1.62	0.28336	0.35	28
38	0.85385	0.27	1.03138	0.13	1-64041	1·78 1·80	0-21495 0-21524	0.47	1-02118	1 53 1 53	0-28357 0-28378	0.35 0.33	22 21
39	0.85401	0.25	1.03146	0.13	1-84148								i .
40	0.85416	0.25	1.03154	0.12	1.64256	1.78	0.21552		1-02302	1.63	0.28898	0.35	20
41	0.85481	0.25	1.08161	0.13	1.64368	1.80	0.21581 0.21609		1-92394	1-53 1-53	0-28440	0.88 0.88	19
42	0.85446	0:25 0:25	1.93169 1.93177	0.13	1.64579	1.80	0.21687	0.48		1-63	0.28461	0.33	17
44	0.85476	0.25	1.93184	0.13	1.04687	1.80	0.21666	0.47		1.53	0.28481	0.85	16
			I-93192	i	1.64793	1-80	0 21694	0.48	1-92762	1.55	0 28502		15
45	0.85401	0·25 0·25	1.93192	0.13	1.64908	1.80	0 21728	0.47	1-92/02	1.53	០ ខ្លួនកំនួន		14
47	0.85521	0.25	1.98207	0.13	1.65011	1.82	0.21751	0.48	1-02047	1.55	0 28544		13
48	0.85536	0.25	1.03215	0.18	1.65120	1-80	0-21780		1-93040	1.55	0.28565	0.35	12
49	0.85551	0.27	1 93223	0.12	1.65228	1.82	o glkon		1-93133	1 55	0-28586	0.35	11
50	0.85567	0.25	1.93230	0.13	1-65337	1.80	0-21837		1 93220	1.55	0.28607		
51	0.85582	0.25	1.93238	0.13	1.65445	1.82	0 21865		1 93319	1.55	0 28627		9
52	0.85597	0.25	1.93246	0.12		1.82	0.21894	0.48	1-93412	1.55	0-28648		8
53	0.85612	0.25	1.93253	0.13	1.65663	1.82	0.21923		1 93505	1.55	0 28669		7
54	0.85627	0.25	1.93261	0.13	1.65772	1.82	0.21951	0.48	Luahun	1.57	0 28690	0.35	6
55	0.85642	0.25	1.98269	0.12	1.65881	1.82	0.21980	0.47	1 93092	1.55	0.28711		5
56	0.85657	0.25	1.93276	0.13	1.65990	1.82	0.2200K		1-93785	1.57	0.28732		4
57	0.85672	0.25	1.98284	0.12	1.66099	1-83	0.22037		1 93879	1.57	0.28753		8
58	0.85687	0.25	1.93291	0.13	1.60209	1-82	0.22065		1.93973	1-55	O SKTT4		2
59	0.85702	0.25	1.93299	0.13	1.66818	1.88	0.33084	0.48	1 94006	1.57	0.28791		1
60	0.85717		1.93307		1.66428		0.22123		1.94160		0-28810	<b>S</b>	0
and compact of	Cos.	D. 1".	Log Cos.	1), 1".	Cot.	D. 1".	Log Cut.	D. 1"	Cosec.	1), 1".	Log Case	e. D. 1".	,
-				× +	1	<del>.</del> •	24 - feb - 12 - 61		1		69		1

Ţ	X	TOOT.	AOTA	IEIR		LL	INC	NOLL	58	t TH	EIR	LOG	S. :	59°
		Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D.1".	Log Sec.	D. 1".	
		0.85717 $0.85732$	$0.25 \\ 0.25$	1.93307 1.93314		1.66428 1.66538	1·83 1·82	$0.22123 \\ 0.22151$		1.94160		0.28816	0.35	60
1	2	0.85747	0.25	1.93322	0.12	1.66647	1.83	0.22131 $0.22180$		1.94254 1.94349	$1.58 \\ 1.57$	0.28837 $0.28858$	0·35 0·35	59 58
l		0·85762 0·85777	$0.25 \\ 0.25$	1.93329 1.93337	0.13	1.66757 1.66867	$\frac{1.83}{1.85}$	$0.22209 \\ 0.22237$		1.94443	1.57	0.28879	0.35	57
1	- 1	0.85792	0.23	T.93344	0.13	1.66978	1.83	0.22231	0.48	1.94537 1.94632	1·58 1·57	0·28900 0·28921	0·35	56 55
1		0.85806	0.25	T·93352	0.13	1.67088	1.83	0.22294	0.48	1.94726	1.58	0.28942	0.37	54
1	7 1	0·85821 0·85836	$0.25 \\ 0.25$	I·93360 I·93367	0.12   0.13	1.67198 1.67309	$\frac{1.85}{1.83}$	$0.22323 \\ 0.22352$	0·48 0·48	1.94821 1.94916	$1.58 \\ 1.58$	0.28964 $0.28985$	0.35	53 52
		0.85851	0.25	1.93375	0.12	1.67419	1.85	0.22381	0.47	1.95011	1.58	0.29006	0.35	51
		0·85866 0·85881	$0.25 \\ 0.25$	1.93382 1.93390	$0.13 \\ 0.12$	1.67530 1.67641	1.85 1.85	$0.22409 \\ 0.22438$	0·48 0·48	1.95106	1.58	0.29027	0.35	50
		0.85896	0.25	1.93397	0.13	1.67752	1.85	0.22467	0.47	1.95201 $1.95296$	$1.58 \\ 1.60$	$0.29048 \\ 0.29069$	0·35 0·37	49 48
	- 1	0·85911 0·85926	$0.25 \\ 0.25$	$1.93405 \\ 1.93412$	$0.12 \\ 0.13$	1.67863 1.67974	1.85	0.22495	0.48	1.95392	1.58	0.29091	0.35	47
	1	0.85941	0.25	1.03420	0.12	1.68085	1.85 1.85	0.22524 0.22553	0·48 0·48	1.95487 1.95583	1·60 1·58	0.29112 0.29133	0·35	46 45
- 11	.6	0.60080	0.23	1.93427	0.13	1.68196	1.87	0.22582	0.47	1.95678	1.60	0.29154	0.37	44
		0.85970 0.85985	$0.25 \\ 0.25$	1.93435 1.93442	$0.12 \\ 0.13$	1.68308 1.68419	1.85 1.87	0.22610 $0.22639$	0·48 0·48	1.95774	1.60	$0.29176 \\ 0.29197$	0.35	43 42
		0.86000	0.25	1.93450	0.12	1.68531	1.87	0.22668	0.48	1.95870 1.95966	$\substack{1.60\\1.60}$	0.29197 $0.29218$	0·35 0·35	41
		0.86015	0.25	1.93457	0.13	1.68643	1.85	0.22697	0.48	1.96062	1.60	0.29239	0.37	40
		0.86030	0.25 0.23	1.93465 1.93472	$0.12 \\ 0.13$	1.68754 1.68866	1.87 1.88	$0.22726 \\ 0.22754$	0·47 0·48	1.96158 1.96255	$\substack{1.62\\1.60}$	$0.29261 \\ 0.29282$	0.35 0.35	39 38
1:	23	0.86059	0.25	1 93480	0.12	1.68979	1.87	0.22783	0.48	1.96351	1.62	0.29303	0.37	37
- 1		0.86074	0.25	1.93487	0.13	1.69091	1.87	0.22812	0.48	1.96448	1.60	0.29325	0.35	36
	26   26	0.86104	$0.25 \\ 0.25$	1.93495	0.12	1.69203 1.69316	1.88 1.87	0.22841 $0.22870$	0.48	1.96544 $1.96641$	$1.62 \\ 1.62$	0.29346 $0.29367$	0·35 0·37	35 34
	37	0.86119	0.23	1.93510	0.12	1.69428	1.88	0.22899	0.47	1.96738	1.62	0.29389	0.35	33
	28	0.86133 0.86148	0.25 0.25	1.93517 $1.93525$	$0.13 \\ 0.12$	1.69541	1.87 1.88	0.22927 $0.22956$	0·48 0·48	1.96835 $1.96932$	$1.62 \\ 1.62$	$0.29410 \\ 0.29432$	0·37 0·35	$\begin{vmatrix} 32 \\ 31 \end{vmatrix}$
	30	0.86168		1.93532	0.12	1.69766	1.88	0.22985	0.48	1.97029	1.63	0.29453	0.37	30
	81	0.86178	0.23	1.93539	0.13	1.69879	1.88	0.23014	0.48	1.97127	1.62	0.29475	0.35	29
	32 33	0.86192	0·25 0·25	1.93547 $1.93554$	0·12 0·13	1.69992	1·90 1·88	0.23043 0.23072	0·48 0·48	1.97224 $1.97322$		0.29496 0.29518	0·37 0·35	28 27
	34	0.86222		1.93562	0.12	1.70219	1.88	0.28101	0.48	1.97420		0.29539	0.37	26
	35	0.86237		1.93569	0.13			0·23130 0·23159	0·48 0·48	1.97517 1.97615		0.29561 0.29582	0·35 0·37	25 24
	36 37	0-86251 0-86266	0·25 0·25	$\frac{1.93577}{1.93584}$	0.12	1.70446		0.23188	0.48	1.97713		0.29604	0.35	23
-	88	0.86281	0.23	1.93591	0.13				0.48	1.97811		0·29625 0·29647	0·37 0·35	22 21
ı	39	0.86296		1.93599 1.93696		1.70787			0·48 0·47	1.97910 1.98008		0.29668	0.37	20
	40 41	0.86310		1.93614			1.90	0.23303		1.98107	1.63	0.29690	0.37	19
	43	0.86340		1.03621	0.12					1.98205 1.98304		$0.29712 \\ 0.29733$	0·35 0·37	
١	43 44	0-86354   0-86369							0.50 0.48	1		0.29755	0.35	
-	45	0-86384		1.93643	0.12	1.71478						0.29776	0.37	
١	46	0.86398										0.29798 0.29820	0·37 0·35	
١	47 48	0.86418				1		0.23507	0.48	1.98798	1.65	0.29841	0.37	12
-	49	0.86442		£ 41 40 (0.00 a)			1.92			1		0.29863		
١	ñO	0.86457								1.98998		0·29885 0·29907	0·37 0·35	
l	51 52	0.86471									1.67	0.29928	0.37	8
I	53	0.86501	0.23	1.93702	0.12	1.72393	1.98	0.23652	0.48			0·29950 0·29972	0·37	
	54	0.8651				1						0.29994	0.37	
	88 86	0.86530					1.93	0.23739	0.50	1.99598	3 1.67	0.30016	0.35	4
	57	0.8655	0.28	1.98781	0.12	1.72857	1.93					0·30037 0·80059	0·37 0·37	
	88 59	0.86573										0.80081		
	60	0.8660		1.93753		1.7820		0.23856		2.00000	)	0.30103		0
	',	C'os.	personal contractors	'. Log Cos.	والمراجع والم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراج	. Cot.	D. 1"	. Log Cot.	D. 1"	. Cosec.	D. 1".	Log Cose	o. D. 1"	'. •
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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	Sec.	D. 1".	Log Sec.	D. 1".	
0	0.86603	0.23	1.93753	0.12	1.73205	1.93	0.23856	0.48	2.00000	1.68	0.30103	0.37	60
	0.86617	0.25	1.93760	0.13	1.73321	1.95	0.23885	0.48	2.00101	1.68	0.30125	0.37	59
	0.86632	0.23	<u>1</u> .93768	0.12	1.73438	1.95	0.23914	0.50	2.00202	1.68	0.30147	0.37	58
3	0.86646	0.25	1.93775	0.12	1.73555	1.93	0.23944	0.48	2.00303	1.68		0.37	57
4	0.86661	0.23	1 93782	0.12	1.73671	1.95	0.23973	0.48	2.00404	1.68	0.30191	.0.37	56
5	0.86675	0.25	1.93789	0.13	1.73788	1.95	0.24002	0.48	2.00505	1.70	0.30213	0.37	55
6	0.86690	0.23	1.93797	0.12	1.73905	1.95	0.24031	0.50	2.00607	1.68	0.30235	0.37	54
7	0.86704	0.25	1.93804	0.12	1.74022	1.97	0.24061	0.48	2.00708	1.70	0.30257	0.37	53
8	0.86719	0.23	1.93811	0.13	1.74140	1.95	0.24090	0.48	2.00810	1·70 1·70	0.30279 $0.30301$	0·37 0·37	52 51
9	0.86733	0.25	1.93819	0.12	1.74257	1.97	0.24119	0.48	2.00912				
10	0.86748	0.23	1·93826	0.12	1.74375	1.95	0.24148	0.50	2.01014	1.70	0.30323	0.37	50
	0.86762	0.25	1.93833	0.12	1.74492	1.97	0.24178	0.48	2.01116 $2.01218$	$1.70 \\ 1.70$	0·30345 0·30367	0·37 0·37	49 48
12	0.86777	0.23	1.93840	0.12	1.74610 1.74728	$\frac{1.97}{1.97}$	0.24207 $0.24236$	0·48 0·48	2.01210 $2.01320$	1.70	0.30389	0.37	47
13	0.86791	$\begin{array}{c} 0.23 \\ 0.25 \end{array}$	1.93847 1.93855	$\begin{array}{c} 0.13 \\ 0.12 \end{array}$	1.74846	1.97	0.24265	0.50	2.01320 $2.01422$	1.72	0.30411	0.37	46
	0.86805		_							1.72	0.30433	0.37	45
15	0.86820	0.23	1.93862	0.12	1.74964	$1.97 \\ 1.97$	$0.24295 \\ 0.24324$	0·48 0·48	2.01525 $2.01628$	1.72 $1.70$	0.30455	0.37	44
16	0.86834	$0.25 \\ 0.23$	1.93869 1.93876	0·12 0·13	1.75082 $1.75200$	1.98	0.24324	0.50	2.01028	1.72	0.30433	0.37	43
17 18	0.86849 0.86863	$0.25 \\ 0.25$	1.93884	0.12	1.75319	1.97	0.24383	0.48	2.01833	1.72	0.30499	0.37	42
19	0.86878	0.23	1.93891	0.12	1.75437	1.98	0.24412	0.50	2.01936	1.72	0.30521	0.38	41
20	0.86892	0.23	1.93898	0.12	1.75556	1.98	0.24442	0.48	2.02039	1.73	0.30544	0.37	40
21	0.86906	$0.25 \\ 0.25$	1.93905	0.12	1.75675	1.98	0.24471	0.48	2.02143	1.72	0.30566	0.37	39
22	0.86921	0.23	$\frac{1}{1}$ .93912	0.13	1.75794	1.98	0.24500	0.50	2.02246	1.72	0.30588	0.37	38
23	0.86935	0.23	1.93920	0.12	1.75913	1.98	0.24530		2.02349	1.73	0.30610	0.37	37
24	0.86949	0.25	$\overline{1} \cdot 93927$	0.12	1.76032	1.98	0.24559	0.50	2.02453	1.73	0.30632	0.38	36
25	0.86964	0.23	ī·93934	0.12	1.76151	2.00	0.24589	0.48	2.02557	1.73	0.30655	0.37	35
26	0.86978	0.25	1.93941	0.12	1.76271	1.98	0.24618	0.48	2.02661	1.73	0.30677	0.37	34
27	0.86993	0.23	1.93948	0.12	1.76390	2.00	0.24647	0.50		1.73	0.30699	0.37	33
28	0.87007	0.23	1.93955	0.13	1.76510	2.00	0.24677	0.48	2.02869	1.73	0.30721	0.38	32
29	0.87021	0.25	1.93963	0.12	1.76630	1.98	0.24706	0.50	2.02973	1.73	0.30744	0.37	31
30	0.87036	0.23	1.93970	0.12	1.76749	2.00	0.24736	0.48	2.03077	1.75	0.30766	0.37	30
31	0.87050	0.23	1.93977	0.12	1.76869	1.98	0.24765	0.50		1.73	0.30788	0.38	29
32	0.87064		1.93984		1.76990		0.24795	0.48	2.03286	1.75	0.30811	0.37	28
33	0.87079	0.23	1.93991	0.12	1.77110	2.00	0.24824	0.50	2.03391	1.75	0.30833	0.38	27
34	0.87093		1.93998		1.77230		0.24854	0.48		1.75	0.30856	0.37	26
35	0.87107	0.23	1.94005		1.77351	2.00	0.24883	0.50	2.03601	1.75	0.30878	0.37	25
36	0.87121	0.25	1.94012		1.77471		0.24913	0.48	2.03706	1.75	0.30900	0.38	24
37 38	0.87136		$\frac{1.94020}{1.94027}$		$ 1.77592 \\ 1.77713$		$0.24942 \\ 0.24972$	0.50 0.50	2.03811 2.03916	1.75 1.77	0.30923 $0.30945$	0.37	23 22
39	0.87150 0.87164		1.94034				0.25002	0.48	2.03910	1.77	0.30945	0·38 0·87	21
40			T.94041		1				1				1 1
41	0.87178 0.87193		1.94041				0.25031 $0.25061$	0·50 0·48	2.04128 2.04233	$1.75 \\ 1.77$	0.30990 0.31013	0·38 0·37	20 19
42	0.87207	0.23	1.94055		1.78198		0.25090	0.50	2.04233	1.77	0.31013	0.38	18
43	0.87221	0.23	1.94062		1		0.25120	0.48	2.04445	1.77	0.31058	0.37	17
44	0.87235		1.94069		1.78441		0.25149	0.50	2.04551	1.77	0.31080	0.38	16
45	0.87250	0.23	1.94076	0.12	1.78563	2.03	0.25179	0.50	2.04657	1.78	0.31103	0.37	15
46	0.87264		1.94083				0.25209	0.48	2.04764	1.77	0.31125	0.38	14
47	0.87278		1.94090	0.13	1.78807	2.03	0.25238	0.50	2.04870	1.78	0.31148	0.38	13
48	0.87292		<u>1</u> .94098		1.78929		0.25268	0.50	2.04977	1.78	0.31171	0.37	12
49	0.87306		1.94105		1.79051		0.25298	0.48	1	1.78	0.31193	0.38	11
50	0.87321	0.23					0.25327			1.78	0.31216	0.37	10
51	0.87335	0.23	1.94119						2.05298	1.78	0.31238	0.38	9
52	0.87349		1.94126		1.79419			0.50		1.78	0.31261	0.38	
53			1.94133		1.79542			0.48	I .	1.78	0.31284	0.37	
54		0.23	1.94140		1.79665		0.25446	0.50		1.80	0.31306	0.38	6
55			1.94147		1.79788			0.50		1.80	0.31329	0.38	
56	0.87406		$\frac{1.94154}{1.94161}$		1.79911			0.48	1	1.78	0.31352	0.38	ı
57 58	0.87420 0.87434		1.94161 1.94168		1.80034 1.80158			0.50			0.81375	0.37	
59	0.87448		1.94175		1.80138			0·50 0·50		1.80	0.31397	0.38	
	0.87462				1 '			0.00		1 82	0.31420	0.38	
60			1.94182		1.80405		0.25625		2.06267		0.31443		0
Ŀ	Cos.	D. 1".	Log Cos.	.D. 1".	Cot.	D. 1".	Log Cot.	D. 1".	Cosec.	D. 1".	Log Cosec	. D. 1"	. ,
200		-	70				) Tamakin		4 2 24 .				<del></del>

			(1 1 1 1 Y					.~ `	~	CIR	LUG	· ·	01
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	. Sec.	D. 1".	Log Sec.	D. 1".	
0	0.87462	0.23	1.94182	0.12	1.80405	2.07	0.25625	0.50	2.06267	1.80	0.31443	0.38	60
1	0.87476	0.23	1.94189	0.12	1.80529	2.07	0.25655	0.48	2.06375	1.80	0.31466	0.37	59
2	0.87490	0.23	1.94196	0.12	1.80653	2.07	0.25684	0.50	2.06483	1.82	0.31488	0.38	58
3 4	0.87504	$0.23 \\ 0.23$	1.94203 $1.94210$	0.12	1.80777	2.07	0.25714	0.50	2.06592	1.82	0.31511	0.38	57
1 1				0.12	1.80901	2.07	0.25744	0.50	2.06701	1.80	0.31534	0.38	56
5	0.87532	0.23	1.94217	0.12	1.81025	2.08	0.25774	0.50	2.06809	1.82	0.31557	0.38	55
6 7	0.87546	$0.25 \\ 0.23$	1.94224 $1.94231$	$\begin{array}{c} 0.12 \\ 0.12 \end{array}$	1.81150 $1.81274$	$2.07 \\ 2.08$	0.25804	0.50	2.06918	1.82	0.31580	0.38	54
8	0.87575	0.23	1.94238	0.12	1.81399	$\frac{2.08}{2.08}$	0·25834 0·25863	0·48 0·50	2.07027 $2.07137$	$1.83 \\ 1.82$	0·31603 0·31626	0·38 0·38	53 52
ğ	0.87589	0.23	1.94245	0.12	1.81524	2.08	0.25893	0.50	2.07246	1.83	0.31649	0.38	51
10	0.87603	0.23	1.94252	0.12	1.81649	2.08	0.25923	0.50	2.07356	1.82	0.31672	0.38	50
îï	0.87617	0.23	1.94259	0.12	1.81774	2.08	0.25953	0.50	2.07465	1.83	0.31672	0.37	49
1.2	0.87631	0.23	1.94266	0.12	1.81899	$2 \cdot 10$	0.25983	0.50	2.07575	1.83	0.31717	0.38	48
13	0.87645	0.23	1.94273	0.10	1.82025	2.08	0.26013	0.50	2.07685	1.83	0.31740	0.38	47
14	0.87659	0.23	1.94279	0.12	1.82150	2.10	0.26043	0.50	2.07795	1.83	0.31763	0.40	46
15	0.87673	0.23	1.94286	0.12	1.82276	2.10	0.26073	0.50	2.07905	1.83	0.31787	0.38	45
16	0.87687	0.23	1.04293	0.12	1.82402	2.10	0.26103	0.20	2.08015	1.85	0.31810	0.38	44
17	0.87701	0·28 0·28	1.94300 1.94307	0.12	1.82528	2.10	0.26133	0.50	2.08126	1.83	0.31833	0.38	43
18 19	0.87715	0.23	1.94314	$0.12 \\ 0.12$	1.82654 $1.82780$	$2.10 \\ 2.10$	0.26163 $0.26193$	0.50	$\begin{vmatrix} 2.08236 \\ 2.08347 \end{vmatrix}$	1.85 1.85	$0.31856 \\ 0.31879$	0.38 0.38	42 41
	İ			0.12		2.12			1				
$  \frac{20}{21}  $	0.87743	$0.22 \\ 0.23$	1.94321 $1.94328$	0.12	1.82906 1.83033	$\frac{2 \cdot 12}{2 \cdot 10}$	0.26223 $0.26253$	0.50 0.50	2·08458 2·08569	1.85 1.85	$0.31902 \\ 0.31925$	0.38	40 39
22	0.87770	0.23	1.94335	0.12	1.83159	2.12	0.26283	0.50	2.08680	1.85	0.31948	0.38	38
23	0.87784	0.23	1.94342	0.12	1.83286	2.12	0.26313	0.50	2.08791	1.87	0.31971	0.38	37
24	0.87798	0.23	1.94349	0.10	1.83418	2.12	0.26343	0.50	2.08903	1.85	0.31994	0.40	36
25	0.87812	0.23	1.94355	0.12	1.83540	2.12	0.26373	0.50	2.09014	1.87	0.32018	0.38	35
26	0.87820	0.23	1.94362	0.12	1.83067	2.12	0.26403	0.50	2.09126	1.87	0.32041	0.38	34
27	0.87840	0.23	1.94369	0.12	1.83794	2.13	0.26433	0.50	2.09238	1.87	0.32064	0.38	33
28	0.87854	0.23	1.04376	0.12	$  1.83922 \\   1.84049$	$2.12 \\ 2.13$	0.26463 $0.26493$	$0.50 \\ 0.52$	2·09350 2·09462	1.87	0.32087	0·38 0·40	32 31
29	0.87808	0.23	1.94383	0.12						1.87	0.32110		
30	0.87882	0.23	1.94390	0.12	1.84177	$\frac{2\cdot 13}{2\cdot 13}$	0·26524 0·26554	0.50 0.50	2·09574 2·09686	$1.87 \\ 1.88$	0.32134 $0.32157$	0.38	$\begin{array}{c} 30 \\ 29 \end{array}$
31	0.87896	0.22	1.94397	0.12	1.84305	2.13	0.26584	0.50	2.09799	1.87	0.32180	0.40	28
33	0.87923	0.28	1.94410	0.12	1.84561	2.13	0.20614	0.50	2.09911	1.88	0.32204	0.38	27
8.4	0.87937	0.23	1.94417	0.12	1.84689	2.15	0.26644	0.50	2.10024	1.88	0.32227	0.38	26
35	0.87951	0.23	1-94424	0.12	1.84818	2.13	0.26674	0.52	2.10137	1.88	0.32250	0.40	25
36	0.87965	0.23	1.94431	0.12	1.84946	2.15	0.26705	0.50	2.10250	1.88	0.32274	0.38	24
37	0.87979	0.23	1.94438	0.12	1.85075	2.15	0.26735	0.50	2.10363	1.90	0.32297	0.38	23
38	0.87993	0.22	1.94445	0.10	1.85204	2.15	0.26765	0.50	2.10477	1.88	$0.32320 \\ 0.32344$	0·40 0·38	22 21
89	0.88008	0.23	1.94451	0.12	1.85888	2.15	0.26795	0.50	2.10590	1.90			
40	0.88020	0.23	1.04458	0.12	1.85462	2.15	0.26825	0.52	2.10704	1.88 1.90	0.32367 0.32391	0·40 0·38	20 19
141	0.88034	0.53	1.94465 $1.94472$	$0.12 \\ 0.12$	1.85591 1.85720	2·15 2·17	0.26856 0.26886	0.50	2.10817 $2.10931$	1.90	0.82414	0.40	18
42	0.88048	0.22 0.23	1.04479	0.10	1.85850	2.15	0.26916	0.50	2.11045	1.90	0.32438	0.38	17
44	0.88075	0.23	1.94485	0.12	1.85979	2.17	0.26946	0.52	2.11159	1.92	0.32461	0.40	16
45	о-вново	0.23	1.94492	0.12	1.86109	2.17	0.26977	0.50	2.11274	1.90	0.82485	0.38	15
40	0.88103	0.23	1.94499	0.13	1.86289	2.17	0.27007	0.50	2.11388	1.92	0.82508	0.40	14
47	0-8H117		1.94506	0.12	1.86869		0.27037	0.52		1.90	0.32532	0.38	13
48	0.88130		1.94518		1.86499		0.27068	0.50		1.02	0.82555	0.40	12
49	0.88144	0.33	1-94519		1.86630		0.27098		2.11732	1.92	0.32579	0.38	
50			1-94526	0.12	1.80760		0.27128	0.52		1.93	0·32602 0·32626	0·40 0·40	10
at	0.88172		1.94533	0.12	1		0·27159 0·27189	0.50 0.52	2·11963 2·12078	1·92 1·92	0.32620	0.38	8
52	0.88185	0.23	1.94540	0·10 0·12		2·18 2·18	0.27120	0.50	2.12193	1.93	0.32673	0.40	7
58 54	0.88199 0.88218	0.33 0.33	1.94546 1.94558	0.12	1.87283		0.27250	0.50	2.12309	1.93	0.32697	0.38	6
55	0.88226	0.23	£94560	0.12	1.87415		0.27280	0.52	2.12425	1.92	0.32720	0.40	5
56	0-88240	0.23	1-94567	0.10		2.18	0.27811	0.50	2.12540	1.95	0.32744	0.40	4
87	0.88254	0.22	1.94578	0.12	1.87677	2.20	0.27341	0.52		1.93	0.32768	0.40	3
58	0.88267	0.23	1.04580	0.12	1.87809		0.27372	0.20		1.09	0.32792	0.38	1
59	0.88281	0.28	1.94587	0.10	ı	2.20	0.27402	0.52	1	1.93	0.32815	0.40	1
60	0 88295		1.94598		1.88073	copy or the fields offer the	0.27433		2.13005		0.32839		0
a.	Cos.	I), 1".	Log Cos.	D. 1".	Cot.	D. 1".	Log Cot.	D.1".	Cosec.	D. 1".	Log Cosec.	D. 1".	. •
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6	$2^{\circ}$	TRI	GOI	1OWI	IT.	RICAI	, Fl	JNCI
Γ	,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.
	0 1 2 3 4	0.88295 0.88308 0.88322 0.88336 0.88349	0·22 0·23 0·23 0·22 0·22	$\overline{1.94593}$ $\overline{1.94600}$ $\overline{1.94607}$ $\overline{1.94614}$ $\overline{1.94620}$	0.12 $0.12$ $0.12$ $0.10$ $0.12$		2·20 2·20 2·20 2·22 2·22	0.27433 $0.27463$ $0.27494$ $0.27524$ $0.27555$
	5 6 7 8	0.88363 0.88377 0.88390 0.88404 0.88417	0·23 0·22 0·23 0·22 0·23	$\overline{1.94627}$ $\overline{1.94634}$ $\overline{1.94640}$ $\overline{1.94647}$ $\overline{1.94654}$	0.12 $0.10$ $0.12$ $0.12$ $0.12$ $0.10$	1.88734 1.88867 1.89000 1.89133 1.89266	2·22 2·22 2·22 2·22 2·23	0.27585 $0.27616$ $0.27646$ $0.27677$ $0.27707$
	12	0.88431 0.88445 0.88458 0.88472 0.88485	0.23 $0.22$ $0.23$ $0.22$ $0.23$	$\begin{array}{c} \overline{1} \cdot 94660 \\ \overline{1} \cdot 94667 \\ \overline{1} \cdot 94674 \\ \overline{1} \cdot 94680 \\ \overline{1} \cdot 94687 \end{array}$	0.12 $0.12$ $0.10$ $0.12$ $0.12$	1.89400 1.89533 1.89667 1.89801 1.89935	2·22 2·23 2·23 2·23 2·23	0.27738 $0.27769$ $0.27799$ $0.27830$ $0.27860$
	16 17 18	0.88499 0.88512 0.88526 0.88539 0.88553	0.22 $0.23$ $0.22$ $0.23$ $0.23$	$\begin{array}{c} \overline{1} \cdot 94694 \\ \overline{1} \cdot 94700 \\ \overline{1} \cdot 94707 \\ \overline{1} \cdot 94714 \\ \overline{1} \cdot 94720 \end{array}$	0.10 $0.12$ $0.12$ $0.10$ $0.10$ $0.12$	1.90069 1.90203 1.90337 1.90472 1.90607	2·23 2·23 2·25 2·25 2·23	0.27891 $0.27922$ $0.27952$ $0.27983$ $0.28014$
	21 22 23	0.88566 0.88580 0.88593 0.88607 0.88620	0.23 $0.22$ $0.23$ $0.22$ $0.23$	$\begin{array}{c} \overline{1} \cdot 94727 \\ \overline{1} \cdot 94734 \\ \overline{1} \cdot 94740 \\ \overline{1} \cdot 94747 \\ \overline{1} \cdot 94753 \end{array}$	0.12 $0.10$ $0.12$ $0.10$ $0.12$	1.90741 1.90876 1.91012 1.91147 1.91282	2·25 2·27 2·25 2·25 2·27	0·28045 0·28075 0·28106 0·28137 0·28167
2	26 27 28	0.88634 0.88647 0.88661 0.88674 0.88688	$0.22 \\ 0.23 \\ 0.22 \\ 0.23 \\ 0.23$	$\begin{array}{c} \overline{1} \cdot 94760 \\ \overline{1} \cdot 94767 \\ \overline{1} \cdot 94773 \\ \overline{1} \cdot 94780 \\ \overline{1} \cdot 94786 \end{array}$	0.12 $0.10$ $0.12$ $0.10$ $0.12$	1.91418 1.91554 1.91690 1.91826 1.91962	2·27 2·27 2·27 2·27 2·27	0.28198 $0.28229$ $0.28260$ $0.28291$ $0.28321$
	31 32 33	0.88701 0.88715 0.88728 0.88741 0.88755	$0.23 \\ 0.22 \\ 0.22 \\ 0.23 \\ 0.22$	$\overline{1}.94793$ $\overline{1}.94799$ $\overline{1}.94806$ $\overline{1}.94813$ $\overline{1}.94819$	0·10 0·12 0·12 0·10 0·10	1.92098 1.92235 1.92371 1.92508 1.92645	2·28 2·27 2·28 2·28 2·28	0·28352 0·28383 0·28414 0·28445 0·28476
	35 36 37	0.88768 0.88782 0.88795	0·23 0·22 0·22	$     \begin{array}{r}       \hline       \hline       \hline       \hline       \hline       $	0·10 0·12 0·10	1.92782 1.92920 1.93057	2·30 2·28 2·30	0·28507 0·28538 0·28569

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TI	RIGO	NON	METF	RICA	AL FI	JNC	TION	1S 8
<u>'</u>	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".
0 1 2 3 4 5 6 7 8 9 10 11 12 13	0-89101 0-89114 0-89127 0-89140 0-89153 0-89160 0-89193 0-89290 0-89219 0-89232 0-89245 0-89272	0·22 0·22 0·22 0·22 0·23 0·22 0·22 0·22	T-94988 T-94995 T-95001 T-95007 T-95014 T-95020 T-95023 T-95033 T-95046 T-95052 T-95055 T-95065	0·12 0·10 0·10 0·12 0·10 0·12 0·10 0·12 0·10 0·12 0·10 0·12 0·10 0·12	1.96261 1.96402 1.96544 1.96685 1.96827 1.96969 1.97111 1.97253 1.97395 1.97538 1.97681 1.97823 1.97826 1.97826 1.98110	2·35 2·37 2·35 2·37 2·37 2·37 2·37 2·38 2·38 2·38 2·38 2·38 2·38	0.29283 0.29315 0.29346 0.29377 0.29440 0.294471 0.29502 0.29534 0.29565 0.29628 0.29629 0.29639 0.29659	0·53 0·52 0·52 0·52 0·53 0·52 0·53 0·52 0·53 0·52 0·53 0·52 0·53 0·52
14 15 16 17 18 19 20 21 22 23	0-89298 0-89311 0-89324 0-89337 0-89350 0-89363 0-89376 0-89389	0·22 0·22 0·22 0·22	1.95078 1.95084 1.95090 1.95097 1.95103 1.95110 1.95116 1.95122 1.95123 1.95135	0·10 0·12 0·10 0·12 0·10 0·10 0·10 0·12 0·10 0·10	1.98253 1.98396 1.98540 1.98684 1.98828 1.98972 1.99116 1.99261 1.99406 1.99550 1.99695	2·42 2·42 2·40 2·42	0·29722 0·29753 0·29785 0·29816 0·29848 0·29879 0·29911 0·29942 0·30005 0·30037	

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1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D.
0	0.89879	0.22	1.95366	0.10	2.05030	2.53	0.31182	0.
1	0.89892	0.22	1.95372	0.10	2.05182	2.52	0.31214	0.
2	0.89905	0.22	1.95378	0.10	2.05333	2.53	0.31246	()-
3	0.89918	0.20	1.95384	0.12	2.05485	2.53	0.31278	0.
4	0.89930	0.22	1.95391	0.10	2.05637	2.55	0.31310	()-
5	0.89943	0.22	1.95397	0.10	2.05790	2.53	0.31342	0٠
6	0.89956	0.20	1.95403	0.10	2.05942	2.53	0.31374	()•
7	0.89968	0.22	1.95409	0.10	2.06094	2.55	0.31407	()-
8	0.89981	0.22	1.95415	0.10	2.06247	2.55	0.31439	0.
9	0.89994	0.22	1.95421	0.10	2.06400	2.55	0.31471	0.
10	0.90007	0.20	1.95427	0.12	2.06553	2.55	0.31503	0.
11	0.90019	0.22	1.95434	0.10	2.06706	2.57	0.31535	0.
12	0.90032	0.22	1.95440	0.10	2.06860	2.57	0.31568	0.
13	0.90045	0.20	1.95446	0.10	2.07014	2.55	0.31600	0.
14	0.90057	0.22	1.95452	0.10	2.07167	2.57	0.31632	().
15	0.90070	0.20	1.95458	0.10	2.07321	2.58	0.31664	()-
16	0.90082	0.22	1.95464	0.10	2.07476	2.57	0.31697	0.
17	0.90095	0.22	1.95470	0.10	2.07630	2.58	0.31729	0.
18	0.90108	0.20	1.95476	0.10	2.07785	2.57	0.31761	0.
19	0.90120	0.22	1.95482	0.10	2.07939	2.68	0.31794	0.
20	0.90133	0.22	1.95488	0.10	2.08094	2.60	0.31826	(),
21	0.90146	0.20	1.95494	0.10	2.08250	2.58	0.31858	0.
22	0.90158	0.22	1.95500	0.12	2.08405	2.58	0.31891	()-
23	0.90171	0.20	1.95507	0.10	2.08560	2.60	0.31923	()-
24	0.90183	0.22	1.95513	0.10	2.08716	2.60	0.31956	()-
25	0.90196	0.20	1.95519		2-08872	2.60	0.31988	()·
26	0.90208	0.22	1.95525	0.10	2.09028	2.60	0.32020	()-
27	0.90221	0.20	1.95531	0.10	2.09184	2.62	0.32053	().
28	0.90233	0.22	1.95537	0.10	2.09341	2.62	0.32085	()-
29	0.90246	0.22	1.95543	-	2.09498	2.60	0.32118	0.
30	0.90259	0.20	1.95549	0.10	2.09654	2.62	0.32150	0.
31	0.90271	0.22	1.95555	0.10	2.09811	2.63	0.32183	0
32	0.90284	0.20	1.95561	0.10		2.62	0.32215	0.
33	0.90296	0.22	1.95567	0.10	2-10126	2.63	0-32248	0
84	0.90309	0.20	1.95573		2-10284	2.63	0.32281	0.
35	0.90321	0.22	1.95579		2.10442	2.63	0.32313	0.
36	0.90334	0.20	1.95585		2-10600	2.63	0.32346	0.
37	0.90346	0.20	1.95591	0.10		2.63	0.32378	0.
88	0.90358	0.22	1.95597	0.10	2-10916	2.65	0.32411	0.
39	0.90371	0.20	1.95603	0.10	2-11075	2.63	0.82444	0.
40	0.90383	0.22	1.95609	0.10	2-11233	2.65	0.32476	0
41	0.90396	0.20	1.95615	0.10	2-11392	2 67	0.32509	()
42	0.90408	0.22	1.95621	0.10	2-11552	2.65	0.32542	00
43	0.90421	0.20	1.95627	0.10		2:67	0.32574	0:
44	0.90433	0.22	1.95633	0.10	2-11871	2.65	0.32607	O-
145	0.90446	0.20	1.95639	0.10	2-12030	2.67	0.32640	()

# TRIGONOMETRICAL FUNCTIONS &

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0	0.90631	0.20	1.95728	0.08	2.14451	2.72	0.33133	0.55	,
ĭ	0.90643	0.20	1.95733	0.10	2.14614	2.72	0.33166	0.55	,
2	0.90655	0.22	1.95739	0.10	2.14777	2.72	0.33199	0.55	, ;
3	0.90668	0.20	1.95745	0.10	2.14940	2.73	0.33232	0.55	i
4	0.90680	0.20	1.95751	0.10	2.15104	2.73	0.33265	0.55	
5	0.90692	0.20	1.95757	0.10	2.15268	2.73	0.33298	0.55	١.
6	0.90704	0.22	1.95763	0.10	2.15432	2.73	0.33331	0.55	i
7	0.90717	0.20	T-95769	0.10	2.15596	2.73	0.33364	0.55	Ŀ
-8	0.90729	0.20	1.95775	0.08	2.15760	2.75	0.33397	0.55	Ŀ
- 9	0.90741	0.20	1.95780	0.10	2.15925	2.75	0.33430	0.55	ľ
10	0.90753	0.22	1.95786	0.10	2.16090	2.75	0.33463	0.57	
1.1	0.90766	0.20	1.95792	0:10	2.16255	2.75	0.33497	0.55	1
12	0.90778	0.20	1.95798	0.10	2.16420	2.75	0.33530	0.55	l:
13	0.90790	0.20	1.95804	0.10	2.16585	2.77	0.33563	0.55	į:
14	0.90802	0.20	1.95810	0.08	2.16751	2.77	0.33596	0.55	ŀ
15	0.90814	0.20	1.95815	0.10	2.16917	2.77	0.33629	0.57	
16	0.90826	0.22	1.95821	0.10	2.17083	2.77	0.33663	0.55	١.
17	0.90839	0.20	1.95827	0.10	2.17249	2.78	0.33696	0.55	
18	0.90851	0.20	-1.95833	0.10	2.17416	2.77	0.33729	0.55	

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<b>6</b> 6	° TRI	GOI	IMON	ETF	RICAI	F	JNCI
Ŀ	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D, 1".	Log Tan.
0	0.91355	0.18	1.96073	0.10	2.24604	2.93	0.35142
1 1	0.91366	0.20	1.96079	0.08	2.24780	2.93	0.35176
2	0.91378	0.20	1.96084	0.10	2.24956	2.93	0.35210
3 4	0.91390 0.91402	$0.20 \\ 0.20$	1.96090 $1.96095$	0.08	2·25132 2·25309	2·95 2·95	0.35244 0.35278
5	0.91414	0.18	T-96101	0.10	2.25486	2.95	0.35312
6	0.91414	0.20	1.96107	0.08	2.25663	2.95	0.35346
7	0.91437	0.20	1.96112	0.10	2.25840	2.97	0.35380
8	0.91449	0.20	1.96118	0.08		2.97	0.35414
9	0.91461	0.18	1.96123	0.10	2.26196	2.97	0.35448
10	0.91472	0.20	1.96129	0.10	2.26374	2.97	0.35483
11	0.91484	0.20	1.96135	0.08	2-26552	2.97	0.35517
12	0.91496	0.20	1.96140	0.10		2.98	0.35551
13	0.91508	0.18	1.96146	0.08	2-26909	2.98	0.35585
14	0.91519	0.20	1.96151	0.10	2.27088	2.98	0.35619
15	0.91531	0.20	1.96157	0.08	2-27267	3.00	0.35654
16	0.91543	0.20	1.96162	0.10		2.98	0.35688
17	0.91555	0.18	1.96168	0.10	2-27626	3.00	0.35722
18 19	0.91566	$0.20 \\ 0.20$	1.96174	0.08 0.10	2-27806 2-27987	3-02 3-00	0.35757 0.35791
	1				}		
20	0.91590	0.18	1.96185	0.08	2-28167	3.02	0.35825
$\frac{21}{22}$	0.91601	$0.20 \\ 0.20$	1.96190 1.96196	0.10	2-28348 2-28528	3-00 3-03	0-35860 0-35894
23	0.91625	0.18	1.96201	0.10		3.02	0.35928
24	0.91636	0.20	1.96207	0.08	2-28891	3.03	0.35963
25	0.91648	0.20	1.96212	0.10	2-29073	8-02	0.35997
26	0.91660	0.18	1.96218	0.08	2.29254	3.05	0.86032
27	0.91671	0.20	1.96223	0.10	2.29437	3.03	0.36066
28	0.91683	0.18	1.96229	0.08	2-29619	3.03	0.36101
29	0.91694	0.20	1.96234	0.10	2.29801	8.05	0.36135
30	0.91706	0.20	T-96240	0.08	2.29984	3.05	0.36170
31	0.91718	0.18	1.96245	0.10		3.07	0.86204
32	0.91729	0.20	1.96251	0.08		8.05	0.36239
33	0.91741	0.18	1.96256	0.10	2.30534	3.07	0.36274
	0.91752	0.20	1.96262	0.08		3.07	0-36308
85	0.91764	0.18	1.96267	0.10		3.07	0.36343
36 37	0.91775	0·20 0·20	1.96278	0.08		3-08	0.36377
38	0.91787	0.18	1.96278 1.96284	0.10	2-31271	3-08 3-08	0.36412 $0.36447$
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#### TRIGONOMETRICAL FUNCTIONS & T , Sine. D. 1". Log Sin. D. 1". Tan. D. 1". Log Tan. D. 1". Sec

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	0.92062	0.18	1.96408	0.08	2.35776	3.18	0.37250	0.58	2.56
2	0.92073	0.20	1.96413	0.10	2.35967	3.18	0.37285	0.58	2.562
3	0.92085	0.18	1.96419	0.08	2.36158	3.18	0.37320	0.58	2.564
4	0.92096	0.18	1.96424	0.08	2.36349	3.20	0.37355	0.60	2.566
5	0.92107	0.20	$\overline{1} \cdot 96429$	0.10	2.36541	3.20	0.37391	0.58	2.568
6	0.92119	0.18	1.96435	0.08	2.36733	3.20	0.37426	0.58	2.569
7	0.92130	0.18	1.96440	0.08	2.36925	$3 \cdot 22$	0.37461	0.58	2.57
8	0.92141	0.18	1.96445	0.10	2.37118	3.22	0.37496	0.60	2.573
9	0.92152	0.20	1-96451	0.08	2.37311	$3 \cdot 22$	0.37532	0.58	2.57
10	0.92164	0.18	1.96456	0.08	2.37504	$3 \cdot 22$	0.37567	0.58	2.576
11	0.92175	0.18	1.96461	0.10	2.37697	3.23	0.37602	0.60	2.578
12	0.92186	0.20	1.96467	0.08	2.37891	$3 \cdot 22$	0.37638	0.58	2.580
13	0.92198	0.18	1.96472	0.08	2.38084	$3 \cdot 25$	0.37673	0.58	2.58

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<u>'</u>	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log T
0	0.92718	0:18	1.96717	0.08	2.47509	3.45	0.393
1 2	$0.92729 \\ 0.92740$	0·18 0·18	$\frac{1.96722}{1.96727}$	0.08	2·47716 2·47924	$\frac{3.47}{3.47}$	0.393 $0.394$
3	0.92751	0.18	1.96732	0.08	2.48132	3.47	0.394
4	0.92762	0.18	1.96737	0.08	2.48340	3.48	0.395
5	0.92773	0.18	1.96742	0.08	2.48549	3.48	0.395
6	0.92784	0.17	1.96747	0.08	2.48758	3·48 3·50	0·395 0·396
7	0.92794	0.18	1.96752	0.08 0.08	2·48967 2·49177	3.48	0.396
8	0.92805 0.92816	$0.18 \\ 0.18$	1.96757 1.96762	0.08	2.49386	3.52	0.396
10	0.92827	0.18	T-96767	0.08	2.49597	3.50	0.397
11	0.92838	0.18	1.96772	0.10	2.49807	3.52	0.397
$\tilde{12}$	0.92849	0.17	1.96778	0.08	2.50018	3.52	0.397
13	0.92859	0.18	1.96783	0.08	2.50229	3.52	0.398
14	0.92870	0.18	1.96788	0.08	2.50440	3.53	0.398
15	0.92881	0.18	T-96793	0.08	2.50652	3.53	0.399
16	0.92892	0.17	1.96798	0.08	2.50864	3.53	0.399
17	0.92902	0.18	1.96803	0.08	2.51076	3.55	0.399
18	0.92913	0.18	1.96808	0.08	2.51289	3.55	0.400
19	0.92924	0.18	1.96813	0.08	2.51502	3.55	0.400
20	0.92935	0.17	1.96818	0.08	2.51715	3.57	0.400
21	0.92945	0.18	1.96823	0.08	2.51929	3·55 3·58	0.401
$\frac{22}{23}$	0.92956	0·18 0·18	$\frac{1.96828}{1.96833}$	0.08 0.08	2·52142 2·52357	3.57	0.402
24	0.92978	0.17	1.96838	0.08	2.52571	3-58	0.402
25	0.92988	0.18	T-96843	0.08	2-52786	3.58	0.402
26	0.92999	0.18	1.96848	0.08	2.53001	3.60	0.403
27	0.93010	0.17	T-96853	0.08	2.53217	3.58	0.403
28	0.93020	0.18	1.96858	0.08	2-53432	3.60	0.403
29	0.93031	0.18	1.96863	0.08	2-53648	3.62	0.404
30	0.93042	0.17	T-96868	0.08	2.53865	3.62	0.404
81	0.93052	0.18	1.96873	0.08	2.54082	3.62	0.404
32	0.93063	0.18	1.96878	0.08		3.62	0.405
33 34	0.93074	0·17 0·18	$\frac{1.96883}{1.96888}$	0.08 0.08	2.54516 2.54734	3.63 3.63	0405 0406
35	0.93095	0.18	1.96893	0.08	2.54952	3.63	0.406
36	0.93106	0.17	1.96898	0.08		3-65	0.408
87	0.93116	0.18	1.96903	0.07	2.55389	3.65	0.407
88	0.93127	0.17	1.96907	0.08	2.55608	3.65	0.407
39	0.93137	0.18	1.96912	0.08	2.55827	8.65	0.407
40	0.93148	0.18	1.96917	0.08	2.56046	3.67	0.408
41	0.93159	0.17	1.96922	0.08	1	3.68	0.408
42	0.93169	0.18	1.96927	0.08	2.56487	8.67	0.409
43	0.93180	0.17	1.96932	0.08	2.56707	3.68	0.409
44	0.93190	0.18	1.96937	0.08	2-56928	3.70	0.409
45	0.93201	0.17	1.96942	0.08	2.57150	3.68	0.410

#### D. 1". Log Tan. D. 1". • D. 1". Log Sin. D. 1". Tan. Sine. Sec. 90 92 94

 $\Gamma$ RIGONOMETRICAL FUNCTIONS & T

0	0.93358	0.17	T.810T9	0.08	2.60009	3.78	0.41582	0.63	2.790
1	0.93368	0.18	1.97020	0.08	2.60736	3.78	0.41620	0.63	2.792
2	0.93379	0.17	1.97025	0.08	2.60963	3.78	0.41658	0.63	2.794
3	0.93389	0.18	1.97030	0.08	2.61190	3.80	0.41696	0.62	2.796
4	0.93400	0.17	1.97035	0.07	2.61418	3.80	0.41733	0.63	2.798

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0.18	1.97030	0.08	2.61190	3.80
0.17	1.97035	0.07	2.61418	3.80
0.17	T-97039	0.08	2.61646	3.80
0.18	1.97044	0.08	2.61874	3.82

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•	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log T
0	0.93969	0.17	$\overline{1} \cdot 97299$	0.07	2.74748	4.15	0.43
1	0.93979	0.17	1.97303	0.08	2.74997	4.15	0.43
2	0.93989	0.17	1.97308	0.07	2.75246	4·17 4·17	0.43
3	0.93999	0.17	1.97312	0·08 0·08	2.75496 2.75746	4.17	0.44
4	0.94009	0.17	1.97317		1		0.44
5	0.94019	0.17	1.97322	0.07	2.75996	4·18 4·18	0.44
6	0.94029	0.17	I-97326 I-97331	0.08 0.07	2.76247 $2.76498$	4.20	0.44
8	0.94039	$0.17 \\ 0.15$	1.97335	0.07	2.76750	4.20	0.44
9	0.94058	0.17	1.97340	0.07	2.77002	4.20	0.44
10	0.94068	0.17	T-97344	0.08	2.77254	4.22	0.44
11	0.94078	0.17	1.97349	0.07	2.77507	4.23	0.44
112	0.94088	0.17	1.97353	0.08	2.77761	4.22	0.44
13	0.94098	0.17	1.97358	0.08	2.78014	4.25	0.44
14	0.94108	0.17	1.97363	0.07	2.78269	4.23	()-44
15	0.94118	0.15	1.97367	0.08	2.78523	4.25	0.44
16	0.94127	0.17	1.97372	0.07	2.78778	4.25	0-44
17	0.94137	0.17	1.97376	0.08	2.79033	4.27	()-44
18	0.94147	0.17	1.97381	0.07	2.79289	4.27	0.44
19	0.94157	0.17	1.97385	0.08	2.79545	4.28	().44
20	0.94167	0.15	1.97390	0.07	2.79802	4.28	0.44
21	0.94176	0.17	1.97394	0.08	2.80059	4.28	()-44
22	0.94186	0.17	1.97399		2.80316	4.30	0.44
23	0.94196	0.17	1.97403		2·80574 2·80833	4·32 4·30	0.44
24	0.94206	0.15	1.97408		i	4.32	0.44
25	0.94215	0.17	1.97412	0.08	2.81091 2.81350	4.33	()-44
26	0.94225	0·17 0·17	$\frac{1.97417}{1.97421}$	0.07 0.08	2.81610	4.33	0.44
$\begin{array}{ c c } 27 \\ 28 \end{array}$	0.94245	0.15	1.97426		2.81870	4.33	0.45
29	0.94254	0.17	1.97430		2.82130	4.35	0.45
30	0.94264	0.17	1.97435		2.82391	4.37	0.45
31	0.94274	0.17	1.97439		2-82653	4.35	0.45
32		0.15	1.97444		2.82914	4.37	0.45
33		0.17	1.97448	0.08	2.83176	4.38	0.45
34	0.94303	0.17	Ĭ-97453	0.07	2.83439	4.38	0.45
35	0.94313	0.15	1.97457	0.07	2.83702	4.38	0.45
36		0.17	1.97461		2.83965	4.40	0.45
37		0.17	1.97466		2.84229	4.42	0.45
38		0.15	1.97470		2-84494	4.40	0:45
39	ł	0.17	1-97475		2-84758	4.42	0.45
40		0.15	1.97479		2.85023	4.43	0.45
41		0.17	1.97484		2-85289	4.43	0.45
42	1	0.17	1.97488		2.85555	4:45	0.45
43		0·15 0·17	1.97492 $1.97497$		2-85822	4:45	0:45 -0:45
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45	0.94409	0.15	1.97501		2-86356	4.47	0.45

#### TRIGONOMETRICAL FUNCTIONS & T D. I". Log Sin. , Sine. D. 1". Tan. D. 1". Log Tan. D. 1". Sec.

0 0.94552 1.97567 0.150.072.90421 4.580.463030.68 3.071 1 0.945610.17 1.975710.082-90696 4.58 0.46344 0.68

2 0.94571 0.15 1.975760.07 2.90971 4.58 0.463850.68 0.17 1.975803 | 0-94580 0.072.91246 4.62

3.074 3.076 0.464260.68 3.0790.15 1.975840.08

4 0.94590 2.91523 4.60 0.464670.68 3.081

1.975890.94599 0.170.07 5 2.91799 4.62 0.46508 0.70

0.15 1.975930.07 6 0.946092.92076 4.63 0.465500.68

0.94618 0.15 1.975970.08 2.92354 4.63 0.465910.68

3.084 3.087 3.089 8 0.94627 0.17 1.97602 0.07 2.92632

4.63 0.466320.68

1.97606 9 0.94637 0.15 0.07 2-92910 4.65 0.466730.70

0.17 1.97610 0.08 2-93189 4.65 0.467150.68 0.94656 0.15 1.97615 0.07 2.93468 4.67 0.46756

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#### 72° TRIGONOMETRICAL FUNC D. 1". Log T D. 1". Log Sin. D. 1". Tan. , Sine. 5.08 0.488 0 0.951060.15 1.978210.07 3.07768 1 1.97825 0.073.080735.10 0.4880.95115 0.15 2 3.08379 5.100.489 0.151.978290.07 0.951243 1.978333.08685 5.100.4890.95133 0.15 0.07

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0	0.95630	0.15	1.98060	0.05	3.27085	5.68	0.51466	0.75	3.42
1	0.95639	0.13	1.98063	0.07	3.27426	5.68	0.51511	0.77	3.42
2	0.95647	0.15	1.98067	0.07	3.27767	5.70	0.51557	0.75	3.45
3	0.95656	0.13	1.98071	0.07	3.28109	5.72	0.51602	0.75	3.43
4	0.95664	0.15	1.98075	0.07	3.28452	5.72	0.51647	0.77	3.43
	0.95673	0.13	1.98079	0.07	3.28795	5.73	0.51693	0.75	3.43
6	0.95681	0.15	1.98083	0.07	3.29139	5.73	0.51738	0.75	3.43
7	0.95690	0.13	1.98087	0-05	3.29483	5.77	0.51783		3.44
8		0.15	1.98090	0.07	3.29829	5.75	0.51829	0.75	3.44
9	0.95707	0.13	1.98094	0.07	3.30174	5.78	0.51874	0.77	3.4
10	0.95715	0.15	1.98098	0.07	3.30521	5.78	0.51920	0.75	3.4
11	0.95724	0.13	-1.98102	0.07	3.30868	5.80	0.51965	0.77	3.4
12	0.95732	0.13	1.98106	0.07	3.31216	5.82	0.52011	0.77	3.4
13	0.95740	0.15	1.98110	0.05	3.31565	5.82	0.52057	0.77	3.4
14	0.95749	0.13	1.98113	0.07	3.31914	5.83	0.52103		3.4
15	0.95757	0.15	1.98117	0.07	3.32264	5.83	0.52148	0.77	3.4
116	0.95766	0.13	1.98121	0.07	3.32614	5.85	0.52194		3.4
17	0.95774	0.13	1.98125	0.07	3-32965	5.87	0.52240		3.47
18	0.95782	0.15	1.98129	0.05	3-33317	5.88	0.52286		3.4
19	0.95791	0.13	1.98132	0.07	3-33670	5.88	0.52332		3.48
20	0.95799	0.13	1.98136	0.07	3-34023	5.90	0.52378	0.77	3.48

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主 静然恐惧者

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I HERRIA

74	IKI	GOI	4 OM	215	CICAI	7	) IAC
,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log T
0	0.96126	0.13	Ī·98284	0.07	3.48741	6.40	0.542
1	0.96134	0.13	$\bar{1}$ .98288	0.05	3.49125	6.40	0.542
2	0.96142	0.13	1.98291	0.07	3.49509	6.42	0.543
3	0.96150	0.13	1.98295	0.07	3.49894	6.42	0.543
4	0.96158	0.13	1.98299	0.05	3.50279	6.45	0.544
5	0.96166	0.13	$\overline{1} \cdot 98302$	0.07	3.50666	6.45	0.544
6	0.96174	0.13	1.98306	0.05	3.51053	6.47	0.545
7	0.96182	0.13	1.98309	0.07	3.51441	6.47	0.545
8	0.96190	0.13	1.98313	0.07	3.51829	6.50	0.546
9	0.96198	0.13	1.98317	0.05	3.52219	6.50	0.546
10	0.96206	0.13	1.98320	0.07	3.52609	6.53	0.547
11	0.96214	0.13	1.98324	0.05	3.53001	6.53	0.547
12	0.96222	0.13	1.98327	0.07	3.53393	6.53	0.548
13	0.96230	0.13	1.98331	0.05	3.53785	6.57	-0.548 -0.549
14	0.96238	0.13	1.98334	0.07	3.54179	6.57	
15	0.96246	0.12	1.98338	0.07	3.54573	6.58	0.549
16	0.96253	0.13	1.98342	0.05	3.54968	6.60	0.550
17	0.96261	0.13	1.98345	0.07	3.55364	6.62	0.550
18	0.96269	0.13	1.98349	0.05	3.55761	6.63 6.63	0.551 0.551
19	0.96277	0.13	1.98352	0.07	3.56159		
20	0.96285	0.13	1.98356	0.05	3.56557	6.67	0.552
21	0.96293	0.13	1.98359	0.07	3.56957	6.67	0.552
22	0.96301	0.12	1.98363	0.05	3.57357	6.68 6.70	-0-553 -0-553
$\frac{23}{24}$	0.96308	$0.13 \\ 0.13$	1.98366 1.98370	0.07 0.05	3.57758 3.58160	6.70	0.554
						-	
25	0.96324	0.13	1.98373	0.07	3.58562	6.73	-0-554 -0-555
$\frac{26}{27}$	0.96332	$0.13 \\ 0.12$	1.98377 1.98381	0.07	3.58966 3.59370	$\frac{6.73}{6.75}$	848.0
28	0.96347	$0.12 \\ 0.13$	1.98384	0.03	3.59775	6.77	0.556
29	0.96355	0.13	1.98388	0.05	3.60181	6.78	0.556
30		0.13	T-98391	0.07	3.60588	6.80	0.557
31	0.96363	0.13	1.98395	0.07	3.60996	6.82	0.557
32	0.96379	$0.13 \\ 0.12$	1.98398	0.07	3.61405	6.82	0.557
33	0.96386	0.13	1.98402	0.05	3.61814	6.83	0.558
34	0.96394	0.13	1.98405	0.07	3.62224	6.87	0.558
35	0.96402	0.13	1.98409	0.05	3-62636	6.87	0.559
36	0.96410	0.12	1.98412	0.05	3.63048	6.88	0.559
37	0.96417	0.13	1.98415	0.07	3.63461	6.88	0.560
38	0.96425	0.13	1.98419	0.05	3.63874	6.92	0.560
39	0.96433	0.12	1.98422	0.07	3-64289	6.93	0.564
40	0.96440	0.13	T-98426	0.05	3-64705	6.93	0.561
41	0.96448	0.13	1.98429	0.07	3-65121	6.95	0.562
42	0.96456	0.12	1.98433	0.05	3.65538	6.98	0.562
43	0.96463	0.13	1.98436	0.07	3.65957	6-98	0.563
44	0.96471	0.13	1.98440	0.02	3.66376	7.00	0.563
45	0.96479	0.12	1.98443	0.07	3.66796	7.02	0.564
48	0.96486	0.13	1.08447	0.05	9407217	7.02	0.504

# TRIGONOMETRICAL FUNCTIONS &

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L	,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	- 2
l	0	0.96593	0.12	$\overline{1.98494}$	0.07	3.73205	7.25	0.57195	0.83	3.8
١	1	0.96600	0.13	1.98498	0.05	3.73640	7.25	0.57245	0.85	3.8
ı	2	0.96608	0.12	1.98501	0.07	3.74075	7.28	0.57296	0.85	3.8
1	3	0.96615	0.13	1.98505	0.05	3.74512	7.30	0.57347	0.83	3.8
	4	0.96623	0.12	$\bar{1}$ .98508	0.05	3.74950	7.30	0.57397	0.85	3.8
l	5	0.96630	0.13	T-98511	0.07	3.75388	7.33	0.57448	0.85	3.8
ı	6	0.96638	0.12	1.98515	0.05	3.75828	7.33	0.57499	0.85	3.8
l	7	0.96645	0.13	$\overline{1}.98518$	0.05	3.76268	7.35	0.57550	0.85	3.8
I	8	0.96653	0.12	1.98521	0.07	3.76709	7.38	0.57601	0.85	3.8
l	9	0.96660	0.12	1.98525	0.05	3.77152	7.38	0.57652	0.85	3.9
١	10	0.96667	0.13	$\overline{1} \cdot 98528$	0.05	3.77595	7.42	0.57703	0.85	3.9
l	11	0.96675	0.12	$\overline{1}.98531$	0.07	3.78040	7.42	0.57754	0.85	3.9
١	12	0.96682	0.13	$\overline{1}.98535$	0.05	3.78485	7.43	0.57805	0.85	3.9
١	13	0.96690	0.12	$\bar{1}$ .98538	0.05	3.78931	7.45	0.57856	0.85	3.9
ı	14	0.96697	0.13	1.98541	0.07	3.79378	7.48	0.57907	0.87	3.9
l	15	0.96705	0.12	$\overline{1} \cdot 98545$	0.05	3.79827	7.48	0.57959	0.85	3.9
١	16	0.96712	0.12	1.98548	0.05	3.80276	7.50	0.58010	0.85	3.9
I	17	0.96719	0.13	$\bar{1}$ .98551	0.07	3.80726	7.52	0.58061	0.87	3.9
1	18	0.96727	0.12	1.98555	0.05	3.81177	7.55	0.58113	0.85	3.9
١	19	0.96734	0.13	$\overline{1}.98558$	0.05	3.81630	7.55	0.58164	0.87	3.9
١	20	0.96742	0.12	Ĩ·98561	0.07	3.82083	7.57	0.58216	0.85	3.9
l	21	0.96749	0.12	1.98565	0.05	3.82537	7.58	0.58267	0.87	3.9
١	22	0.96756	0.13	$\overline{1}$ .98568	0.05	3.82992	7.62	0.58319	0.87	3.9
١	23	0.96764	0.12	$\overline{1} \cdot 98571$	0.05	3.83449	7.62	0.58371	0.85	3.9
١	24	0.96771	0.12	$\overline{1}$ .98574	0.07	3.83906	7.63	0.58422	0.87	3.9
1	25	0.96778	0.13	$\bar{1}.98578$	0.05	3.84364	7.67	0.58474	0.87	3.9
1	26	0.96786	0.12	$\overline{1}.98581$	0.05	3.84824	7.67	0.58526	0.87	3.9
ł	27	0.96793	0.12	<u>1</u> .98584	0.07	3.85284	7.68	0.58578	0.87	3.9

T-98588

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 $\overline{1.98594}$ 

T-98597

 $\overline{1} \cdot 98601$ 

 $\overline{1.98604}$ 

 $\bar{1}.98607$ 

1.98610

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3.89004

3.89474

3.89945

3.90417

3.90890

3.91364

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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D, 1".	Log Tan.	13
0	0.97030	0.12	Ĩ·98690	0.07	4.01078	8.30	0.60323	(
1	0.97037	0.12	1.98694	0.05	4.01576	8.30	0.60377	(
2	0.97044	0.12	1.98697	0.05	4.02074	8.33	0.60431	(
3	0.97051	0.12	1.98700	0.05	4.02574	8.37	0.60485	(
4	0.97058	0.12	T.98703	0.05	4.03076	8.37	0.60539	(
5	0.97065	0.12	I-98706	0.05	4.03578	8.38	0.60593	(
6	0.97072	0.12	1.98709	0.05	4.04081	8.42	0.60647	(
7	0.97079	0.12	1.98712	0.05	4.04586	8.43	0.60701	(
8	0.97086	0.12	1.98715	0.07	4.05092	8-45	0.60755	(
9	0.97093	0.12	1.98719	0.05	4.05599	8.47	0.60810	(
10	0.97100	0.10	1.98722	0.05	4.06107	8.48	0.60864	(
11	0.97106	0.12	1.98725	0.05	4.06616	8.52	0.60918	ĺ
12	0.97113	0.12	1.98728	0.05	4.07127	8.53	0.60973	(
13	0.97120	0.12	1.98731	0.05	4.07639	8.55	0.61028	ı
14	0.97127	0.12	1.98734	0.05	4.08152	8.57	0.61082	(
15	0.97134	0.12	1.98737	0.05	4.08666	8.60	-0.61137	(
16	0.97141	0.12	1.98740	0.05	4.09182	8.62	0.61192	ţ
17	0.97148	0.12	1.98743	0.05	4.09699	8-62	0.61246	(
18	0.97155	0.12	1.98746	0.07	4-10216	8.67	0.61301	(
19	0.97162	0.12	1.98750	0.05	4.10736	8.67	0.61356	(
20	0.97169	0.12	1-98753	0.05	4-11256	8.70	0.61411	(
21	0.97176	0.10	1.98756	0.05	4-11778	8.72	0.61466	(
22	0.97182	0.12	1.98759	0.05	4-12301	8.73	0.61521	(
23	0.97189	0.12	1.98762	0.05	4-12825	8.75	0.61577	(
24	0.97196	0.12	1.98765	0.05	4.13350	8-78	0.61632	(
25	0.97203	0.12	1.98768	0.05	4	8.80	0.61687	(
26	0.97210	0.12	1.98771	0.05	4-14405	8.83	0.61743	(
27	0.97217	0.10	1.98774	0.05		8:85	0.61798	1
28 29	0.97223	0.12	1.98777	0.05 0.05	4-15465	8-87 8-88	0.61853 0.61909	(
i i	0.97230	0.12	1.98780		1			
30	0.97237	0.12	1.98783	0.05	4-16530	8-90	0.61965	•
31 32	0.97244	0.12	1.98786 1.98789	₫0•0 ₫0•0	1	8-93 8-95	-0-62020 -0-62076	(
38	0.97257	0.12	1.98792	0.05	1	8.97	0.02070	
84	0.97264	0.12	1.98795	0.05	1	9.00	0.62188	
35	0.97271	0.12	1.98798			9-02	0.62244	(
36	0.97278	0.10	1.98801	0.05		9:03	0.62300	
87	0.97284	0.12	1.98804		4-20298	9-07	0.02356	
38	0.97291	0.12	1.98807		4.20842	9:08	0.62412	
39	0.97298	0.10	1.98810		4	9:10	0.02408	
40	0.97304	0.12	1.98813			9-13	0.62524	t
41	0.97311	0.12	1.98816		4.22481	9-15	0.02024	
42	0.97318	0.12	1-98819	0.05		9-17	0.62637	ì
43	0.97325	0.10	1.98822		4.23580	9 20	0.62694	i
44	0.97331	0.12	1.98825		1	9-22	0.62750	
45	0.97338	0.12	1.98828	0.05	4-24685	9-23	0-62807	ţ
	0.97345		T-98831		4-25239		0.02007	

#### TRIGONOMETRICAL FUNCTIONS & D 1"

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1.98953

 $\overline{1} \cdot 98955$ 

 $\overline{1} \cdot 98958$ 

 $\overline{1} \cdot 98961$ 

1.98964

 $\overline{1}$ .98967

1.98969

1.98972

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1.98978

T·98980

 $\bar{1}$ .98983

7.98986

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4.54826

4.55458

4.56091

4.56726

4.57363

4.58001

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0.65126

0.65186

0.65245

0.65305

0.65365

0.65424

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0.65604

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1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	
0	0.97437 0.97444	0·12 0·10	$\begin{array}{c} \overline{1} \cdot 98872 \\ \overline{1} \cdot 98875 \end{array}$	0·05 0·05	4·33148 4·33723	9·58 9·62	0.63664 0.63721	0·95 0·97	4.
2 3 4	$ \begin{vmatrix} 0.97450 \\ 0.97457 \\ 0.97463 \end{vmatrix} $	$0.12 \\ 0.10 \\ 0.12$	$\frac{1.98878}{1.98881}$ $\frac{1.98881}{1.98884}$	0·05 0·05 0·05	4·34300 4·34879 4·35459	9·65 9·67 9·68	0.63779 0.63837 0.63895	0·97 0·97 0·97	4.
5 6 7	0.97470 0.97476 0.97483	$0.10 \\ 0.12 \\ 0.10$	$\frac{\overline{1} \cdot 98887}{\underline{1} \cdot 98890}$ $\overline{1} \cdot 98893$	0·05 0·05 0·05	4·36040 4·36623 4·37207	9.72 $9.73$ $9.77$	0.63953 0.64011 0.64069	0·97 0·97 0·97	4. 4.
8 9	0.97489 0.97496	$0.12 \\ 0.10$	1.98896 1.98898	0·03 0·05	4·37793 4·38381	9·80 9·80	0.64127 0.64185	0.97 0.97	4.
10 11 12 13	$     \begin{array}{r}       0.97502 \\       0.97508 \\       0.97515 \\       0.97521     \end{array} $	$0.10 \\ 0.12 \\ 0.10 \\ 0.12$	1.98901 $1.98904$ $1.98907$ $1.98910$	0.05	4.38969 $4.39560$ $4.40152$ $4.40745$	9.85 9.87 9.88 9.92	0.64243 0.64302 0.64360 0.64419	0.98	4.4.4.
14 15	0.97528 0.97534	0·10 0·12	1.98913 1.98916	0·05 0·05	4·41340 4·41936	9·93 9·97	0.64477 0.64536	0·98 0·98	4.
16 17 18 19	0.97541 0.97547 0.97553	0·10 0·10 0·12 0·10	$ \overline{1.98919} $ $ \overline{1.98921} $ $ \overline{1.98924} $ $ \overline{1.98927} $	0·05 0·05	4·42534 4·43134 4·43735 4·44338	10.00 10.02 10.05 10.07	0.64595 0.64653 0.64712 0.64771	0.98 0.98	4.
20 21	0.97560 0.97566 0.97573	0·12 0·10	$\frac{1.98930}{1.98933}$	0·05 0·05	4·44942 4·45548	10·10 10·12	0.64830 0.64889	0.98 1.00	4.
22 23 24		0·10 0·12 0·10	$     \begin{array}{r}       \hline       1.98936 \\       \hline       1.98938 \\       \hline       1.98941 \\     \end{array} $	0.05	4·46155 4·46764 4·47374	10·15 10·17 10·20	0.64949 0.65008 0.65067	0.98	4.4.

<b>7</b> 8°	TRI	GO:	MOM	ET	RICA	LFU	JNCT
1	Sine.	D.1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan, I
0 1 2 3 4	0.97815 0.97821 0.97827 0.97833 0.97839	0·10 0·10 0·10 0·10 0·10	1.99040 1.99043 1.99046 1.99048 1.99051	0.05 0.05 0.03 0.05 0.05		11·23 11·27 11·28 11·33 11·35	0.67253 0.67315 0.67377 0.67439 0.67502
56789	0.97845 0.97851 0.97857 0.97863 0.97869	0·10 0·10 0·10 0·10 0·10	1.99054 1.99056 1.99059 1.99062 1.99064	0·03 0·05 0·05 0·03 0·05	4·73851 4·74534	11:38 11:42 11:45 11:48 11:52	0.67564 0.67627 0.67689 0.67752 0.67815
10 11 12 13 14	0.97875 0.97881 0.97887 0.97893 0.97899	0·10 0·10 0·10 0·10 0·10	1.99067 1.99070 1.99072 1.99075 1.99078	0.05 0.03 0.05 0.05 0.03	4·77286 4·77978 4·78673 4·79370 4·80068	11·53 11·58 11·62 11·63 11·68	0.67878   0.67878   0.67941   0.68004   0.68067   0.68130
15 16 17 18 19	$\begin{array}{c} 0.97905 \\ 0.97910 \\ 0.97916 \\ 0.97922 \\ 0.97928 \end{array}$	0.08 0.10 0.10 0.10 0.10	1-99080 1-99083 1-99086 1-99088 1-99091	0.05 0.05 0.03 0.05 0.03	4·82175 4·82882	11.70 11.73 11.78 11.80 11.83	0:68194 0:68257 0:68321 0:68384 0:68448
20 21 22 23 24	0-97934 0-97940 0-97946 0-97952 0-97958	0·10 0·10 0·10 0·10 0·08	1-99093 1-99096 1-99099 1-99101 1-99104	0.05 0.05 0.03 0.05 0.05		11.88 11.90 11.95 11.97 12.00	0.68511   0.68575   0.68639   0.68763   0.68767   1
25 26 27 28 29	0.97963 0.97969 0.97975 0.97981 0.97987	0·10 0·10 0·10 0·10 0·10	1-99106 1-99109 1-99112 1-99114 1-99117	0.05 0.05 0.03 0.05 0.03	4·87882 4·88605 4·89330 4·90056 4·90785	12-05 12-08 12-10 12-15 12-18	0-68832   1 0-68896   1 0-68960   1 0-69025   1 0-69089   1
30 31 32 33 34	0.97992 0.97998 0.98004 0.98010 0.98016	0·10 0·10 0·10 0·10 0·08	1.99119 1.99122 1.99124 1.99127 1.99130	0.05 0.03 0.05 0.05 0.03	4-91516 4-92249 4-92984 4-93721 4-94460	12-22 12-25 12-28 12-32 12-35	0.69154   1 0.69218   1 0.69283   1 0.69348   1 0.69413   1

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### TRIGONOMETRICAL FUNCTIONS

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	Sine.	D. I".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	D. 1".	
	0 0-98163 1 0-98168	0.08	1-99195	0.03 0.05	5-14455 5-15256	13.35	0.71135	1.12	
	1 0-98168 2 0-98174	0.08	1.99200	0.03	5.16058	13.37 $13.42$	0.71202 0.71270	$1.13 \\ 1.13$	5.
	3 0.98179	0.10	1.09202	0.03	5.16863	13.47	0.71338	1.12	5
1	4 0.98185	0.08	1.99204	0.05	5-17671	13.48	0.71405	1.13	5
1	5 0 98190 6 0 98196	0.10	-1.99207 $-1.99209$	0.03	5-18480 5-19293	13.55 $13.57$	0·71473 0·71541	$1.13 \\ 1.13$	
	7 0 98201	0.10	1 99212	0.03		13.63	0.71609	1.13	
	8 0.98207	0.08	1-99214	0.05	5.20925	13.65	0.71677	1.15	5
1	9.098212	0.10	1 99217	0.03	5-21744	13.70	0.71746	1.13	1
	0 0 98218 1 0 98223	0.08	-1.99219 $-1.99221$	0.03	5-22566	13.75 13.78	0.71814 $0.71883$	1·15 1·13	1 ~
	2 0 98229		1-99224	0.03	5-24218	• • • • • • • • • • • • • • • • •	0.71951		
1	3 0 98234		1-99226	0.05		13.87	0.72020	1.15	5
1	4 0.98240		1 99229	0.03			0.72089		1
	5 0.98245		-1.99231 $-1.99233$	0.03 0.05			0.72158		
	[6 0 98250 [7 0 98256		1 99236		1				1 -
	8 0.98261	0.10	1-99238	0.05	5-29235	14.08	0.72365	1.15	5
1	[9 0 98267	11 113	1 99241	0.03	5-30080				1
- 1	20 O UNISTE		1 99243						
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,	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan.	1). 1
0	0.98481 $0.98486$	0·08 0·08	1.99335 $1.99337$	0.03	5.68094	16·10 16·17	0.75368 0.75442	1.2
2 3 4	$0.98491 \\ 0.98496 \\ 0.98501$	0·08 0·08 0·08	1.99340 $1.99342$ $1.99344$	0.03 0.03 0.03	1	16.22 16.27 16.32	-0.75516 -0.75590 -0.75665	1.2
5 6	0.98506 0.98511	0.08 0.08	T-99346 T-99348	0·03 0·05	5·71992 5·72974	16-37 16-43	$0.75739 \\ 0.75814$	1.2
7 8 9	0.98516 $0.98521$ $0.98526$	0.08 0.08 0.08	1.99351 $1.99353$ $1.99355$	0.03 0.03 0.03	1	$\begin{array}{c} 16.48 \\ 16.53 \\ 16.60 \end{array}$	0-75888 0-75963 0-76038	12
10 11	0.98531 0.98536	0·08 0·08	1.99357 1.99359	0.03 0.05	5-76937 5-77936	16-65 16-70	0-76113 0-76188	1.2
12 13 14	0.98541 0.98546 0.98551	0·08 0·08 0·08	1.99362 $1.99364$ $1.99366$	0.03 0.03 0.03		16:77 16:82 16:88	$\begin{array}{c} 0.76263 \\ 0.76339 \\ 0.76414 \end{array}$	1.2
15 16	0-98556 0-98561	0.08 0.07	1-99368 1-99370	0.03 0.03	5-81966 5-82982	16-93 16-98	0-76490 0-76565	1.2
17 18 19	0-98565 0-98570 0-98575	0.08 0.08 0.08	$\begin{array}{c} 1.99372 \\ 1.99375 \\ 1.99377 \end{array}$	0.05 0.03 <b>0</b> .03	5-84001 5-85024 5-86051	17-05 17-12 17-15	$\begin{array}{c} 0.76641 \\ 0.76717 \\ 0.76794 \end{array}$	12
20 21 22	0.98580 58586.0 0.98590	0.08 0.08 0.08	1-99379 1-99381 1-99383	0-03 0-03 0-03	5-89151	17-23 17-28 17-38	$\begin{array}{c} 0.76870 \\ 0.76946 \\ 0.77023 \end{array}$	12
23 24 25	0.98595 0.98600 0.98604	0.08 0.07 0.08	1.99385 1.99388 1.99390	0.03 0.03 0.03	5-90191 5-91236 5-92283	17-42 17-45 17-53	0.77099 0.77176 0.77253	
26 27 28	0.98609 0.98614 0.98619	0.08 0.08 0.08	1-99392 1-99394 1-99396	0.03 0.03 0.03	5-93335	17:58 17:63 17:70	0 77330 0 77407 0 77484	12
29 30	0.98624 0.98629	0.08	1.99398	0.03		17-77 17-83	0.77562 0.77639 0.77717	1.3
31 32 33 34	0.98633 0.98638 0.98643 0.98648	0.08 0.08 0.08 0.07	1-99402 1-99404 1-99407 1-99409	0.03 0.05 0.03 0.03	5-99720	17:90 17:95 18:02 18:07	0-77795 0-77873 0-77951	1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3
35 36	0·98652 0·98657	0·08 0·08	[-99411 [-99413	0-03 0-03	6-02962 6-04051	1845 1820	0 78029 0 78107	1.3
37 38 39	0-98662 0-98667 0-98671	0.08 0.07 0.08	1-99415 1-99417 1-99419	0:03 0:03 0:03	6-05148 6-06240 6-07340	18-28 18-33 18-40	0.78186 $0.78264$ $0.78343$	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
40 41 42	0.98676 0.98681 0.98686	0.08 0.08 0.07	1-99421 1-99423 1-99425	0.03 0.03 0.03	6 09552	18-47 18-53 18-58	0.78422 0.78501 0.78580	13
43 44	0.98690 0.98695	0·08 0·08	1-99427 1-99429	0-03 0-05	6-11779 6-12899	18-67 18-78	0-78659 0-78789	1 3
45	0.98700	0.07	1.99432	0.03	6-14023	18.80	0 7HH1H	1.3

### TRIGONOMETRICAL FUNCTIONS &

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1	Sine.	D. 1".	Log Sin.	1), 1",	Tan.	D. 1".	Log Tan.	D. 1".	Se
0	0.98769	0.07	1.99462	0.03		19.85	0.80029	1.37	6.39
1	0.98773	0.08	1 99464	0.03	6.32566	19.92	0.80111	1.37	6.40
1 2	0.98778	0.07	1-99466	0.03		20.00	0.80193	1.37	6.41
	0.98782	0.08	1 99468	0.03	6.34961	20.07	0.80275	1.37	6.42
4	0.98787	0.07	1.99470	0.03	6.36165	20.15	0.80357	1.37	6.43
15	0.98791	0.08	1.99472	0.03	6.87374	20.22	0.80439	1.38	6.45
- 6		0.07	1.99474	0.03	6.38587	20.28	0.80522	1.38	6.46
7			1.99476	0.03	6-39804	20.37	0.80605	1.38	6.47
1 8	1 "	0.07	1 99478	0.03	6-41026	20.45	0.80688	1.38	6.48
- 19	0.98809	0.08	1-99480	0.03	6-42253	20.52	0.80771	1.38	6.49
10	0.98814	0.07	1.99482	0.03	6-43484	20.60	0.80854	1.38	6.51
11		0.08	1-99484	0.03	j w w - w - w	20.68	0.80937	1.40	6.52
12	ECRER O		1-99486	0.03		20.75	0.81021	1.38	6.53
13		0.03	1 99488	0.03	6-47206	20.83		1.40	6.54
14	0-98833	0.07	,1-99490	0.03	6-48456	20.90	0.81188	1.40	6.56
1.5	принци	0.08	1-99492	0.03	6-49710	21.00	0.81272	1.40	6.57
10	0.08841	0.07	1-99494	0.02	6-50970	21.07	0.81356	1.40	6.58
117	GLERKE O	0.07	1 99495	0.03	6-52234	21.15	0.81440	1.42	6.59
	ៅព មុខខេត្ត		1.00407	0.03		21.23	0.81525	1.40	6.63
1:	F 0 98854	0.07	1 99499	0.03	6.54777	21-30	0.81609	1.42	6.65
20	เโดยหหา	0.08	1.99501	0.020	6 56055	21-40	0.81694	1.42	6.63
21	in marketi	0.07	1.99503	0.03	6 57339	21.47	0.81779		6.6.

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1	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	Log Tan,
0	0.99027	0.07	<b>1</b> ·99575	0.03	7-11537	25.08	0.85220
1	0.99031	0.07	1.99577	0.03	7.13042	25.18	0.85312
2	0.99035	0.07	1.99579	0.03	7-14553	25.30	0.85403
3	0.99039	0.07	1.99581	0.02	7.16071	25.38	0.85496
4	0.99043	0.07	1.99582	0.03	7-17594	25.52	0.85588
5	0.99047	0.07	1.99584	0.03	7.19125	25.60	0.85680
6	0.99051	0.07	1.99586	0.03	7.20661	25.72	0.85773
1 7	0.99055	0.07	T-99588	0.02	7.22204	25.83	0.85866
8	0.99059	0.07	1.99589	0.03	7.23754	25.93	0.85959
9	0.99063	0.07	1.99591	0.03	7.25310	26.05	0.86052
110	0.99067	0.07	1.99593	0.03	7.26873	26.15	0.86146
liĭ	0.99071	0.07	1.99595	0.02	7.28442	26.27	0.86239
112	0.99075	0.07	1.99596	0.03	7.30018	26.37	0.86333
113	0.99079	0.07	1.99598	0.03	7.31600	26.50	0.86427
14	0.99083	0.07	1.99600	0.02	7.33190	26.60	0.86522
15	0.99087	0.07	T-99601	0.03	7.34786	26.72	0.86616
116	0.99091	0.05	1.99603	0.03	7.36389	26.83	0.86711
17	0.99094	0.07	1.99605	0.03	7.37999	26.95	0.86806
18	0.99098	0.07	1.99607	0.02	7.39616	27.07	0.86901
19	0.99102	0.07	1.99608	0.03	7.41240	27.18	0.86996
20	0.99106	0.07	1-99610	0.03	7-42871	27.30	0.87091
21	0.99110	0.07	1.99612	0.02	7-44509	27.42	0.87187
$\frac{7}{22}$	0.99114	0.07	1.99613	0.03	7.46154	27.53	0.87283
23	0.99118	0.07	1.99615	0.03	7.47806	27.65	0.87379
24	0.99122	0.05	1.99617	0.02	7-49465	27.78	0.87475
25	0.99125	0.07	1.99618	0.03	7-51132	27.90	0.87572
26	0.99129	0.07	1.99620	0.03	7.52806	28.02	0.87668
27	0.99133	0.07	1.99622	0.03	7-54487	28.15	0.87765
28	0.99137	0.07	1.99624	0.02	7.56176	28.27	0.87862
29	0.99141	0.05	1-99625	0.03	7.57872	28.38	0.87960
30	0.99144	0.07	1.99627	0.03	7.59575	28.53	0.88057
31	0.99148	0.07	1.99629	0.02	7.61287	28.63	0.88155
32	0.99152	0.07	1.99630	0.03	7.63005	28.78	0.88253
33	0.99156	0.07	1.99632	0.02	7.64732	28.90	0.88351
34	0.99160	0.05	1.99633	0.03	7.66466	29.03	0.88449
35	0.99163	0.07	1.99635	0.03	7.68208	29.15	0.88548
36	1	0.07	1.99637	0.02	7.69957	29.30	0.88647
37	0.99171	0.07	1.99638	0.03	7.71715	29.42	0.88746
38	0.99175	0.05	1.99640	0.03	7.73480	29.57	0.88845
89	0.99178	0.07	1.99642	0.02	7.75254	29.68	0.88944
40	0.99182	0.07	1.99643	0.03	7.77035	29.83	0.89044
41	0.99186	0.05	1.99645	0.03	7.78825	29.95	0.89144
42	0.99189	0.07	1.99647	0.02	7.80622	30-10	0.89244
43	0.99193	0.07	1.09648	0.03	7.82428	30.23	0.89344
44	0.99197	0.05	1.99650	0.03	7.84242	30.37	0.89445
45	0.99200	0.07	1-99651	0.03	7.86064	30.52	0.89546
46	0.99204	0.07	1-99653	0.03	7.87895	30.65	0.89647

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10	0.99230	0.05	1 99690	0 03 N 34496		0.92142	1.78	8-40466
11	0.99293	0.07	1 99693	-0.02/8.36555	34.50	0.92249	1.80	8.42511
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0	0.99619	0.05	1.99834		11.4301	6.40	1.05805	2.43	11.4
1	0.99622	0.05	1.99836	0.02		6.45	1.05951	2.43	11.5
2	0.99625	0.03	1.99837	0.02	11.5072	6.48	1.06097	2.45	11.5
3	0.99627	0.05	1.99838	0.02	11.5461	6.53	1.06244	2.45	11.5
4	0.99630	0.03	1.99839	0.02	11.5853	6.58	1.06391	2.45	11.6
5	0.99632	0.05	1.99840	0.02		6.62	1.06538	<b>2.4</b> 8	11.6
6	0.99635	0.03	1.99841	0.02	11.6645	6.67	1.06687	2.47	11.7
7	0.99637	0.03	1.99842	0.02	11.7045	6.72	1.06835	2.48	11.7
8	0.99639	0.05	1.99843	0.05	11.7448	6.75	1.06984	2.50	11.7
9	0.99642	0.03	1.99844	0.05	11.7853	6.82	1.07134	2.50	11.8
10	0.99644	0.05	1.99845	0.02	11.8262	6.85	1.07284	2.52	11.8
11	0.99647	0.03	1.99846	0.05	11.8673	6.90	1.07435	2.52	11.9
12	0-99649	0.05	1.99847	0.02	11.9087	6.95	1.07586	2.53	11.9
13	0.99652	0.03	1.99848	0.03	11.9504	6.98	1.07738	2.53	11.9
14	0-99654	0.05	1.99850	0.02	11.9923	7.05	1.07890	2.55	12.0

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	0	0.99756	0.03	<b>1</b> .99894	0.02	14.3007	10.00	1.1
	1	0.99758	0.03	1.99895	0.02	14.3607	10.08	1.1
1	2	0.99760	0.03	1.99896	0.02	14.4212	10.18	1.1
	3	0.99762	0.03	1.99897	0.02	14.4823	10.25	1.1
	4	0.99764	0.03	1.99898	0.00	14.5438	10.35	1.1
	5	0.99766	0.03	1.99898	0.02	14.6059	10.43	1.1
	6	0.99768	0.03	1.99899	0.02	14.6685	10.53	1.1
	7	0.99770	0.03	1.99900	0.02	14.7317	10.62	1.1
	8	0.99772	0.03	1.99901	0.02	14.7954	10.70	1.1
	9	0.99774	0.03	1.99902	0.02	14.8596	10.80	1.1
	10	0.99776	0.03	1.99903	0.02	14.9244	10.90	1.1
	11	0.99778	0.03	1.99904	0.00	14.9898	10.98	1.1
	12	0.99780	0.03	1.99904	0.02	15.0557	11.08	1.1
	13	0.99782	0.03	1.99905	0.02	15.1222	11.18	1.1
	14	0.99784	0.03	1.99906	0.02	15-1893	11.30	1-1
	15	0.99786	0.03	1-99907	0.02	15.2571	11.38	1-1:
	16	0.99788	0.03	1.99908	0.02	15.3254	11.48	1.1
	17	0.99790	0.03	1.99909	0.00	15.3943	11.58	1.13
	18	0.99792	0.02	1.99909	0.02	15-4638	11.70	1.1
	19	0.99793	0.03	1.99910	0.02	15.5340	11.80	1.1
	20	0.99795	0.03	1.99911	0.02	15.6048		1.1
				1.99912	0.02	1	11.90	1.13
	21	0.99797	0.03	1.99913		15.6762	12.02	
	22	0.99799	0.03		0.00	15.7483	12-13	1.13
	23	0.99801	0.03	1.99913	0.02	15.8211	12-23	1.13
	24	0.99803	0.02	1.99914	0.02	15-8945	12.37	1.2
	25	0.99804	0.03	1.99915	0.02	15.9687	12-47	1.2
	26	0.99806	0.03	1.99916	0.02	16.0435	12.58	1.2
	27	0.99808	0.03	1.99917	0.00	16-1190	12.70	1.2
	28	0.99810	0.03	1.99917	0.02	16-1952	12.83	1.2
	29	0.99812	0.02	1.99918	0.02	16.2722	12.95	1.2
	30	0.99813	0.03	1.99919	0.02	16-3499	13.07	1.2
	31	0.99815	0.03	1.99920	0.00	16-4283	13.20	1.2
	32	0.99817	0.03	1.99920	0.02	16-5075	13.32	1.2
	33	0.99819	0.03	1.99921	0.02	16.5874	13.45	1/2
	34	0.99821	0.02	1.99922	0.03	16.6681	13.58	1.23
	35	0.99822	0.03	1.99923	0.00	16.7496	13.72	1.2
	36	0.99824	0.03	1.99923	0.02	16-8319	13.85	1.2
	37	0.99826	0.02	1.99924	0.02	16.9150	14.00	1 .23
	38	0.99827	0.03	1.99925	0.02	16-9990	14-12	1.23
	39	0.99829	0.03	1.99926	0.00	17-0837	14.27	1.2
	40	0.99831	0.03	1.99926	0.02	17-1693	14:42	1.23
	41	0.99833	0.02	1.99927	0.02		14 57	1.2
	42	0.99834	0.03	1.99928	0.02	17-3432	14.70	1 .23
	43	0.99836	0.03	1.99929	0.00	17-4314	14.85	1.2
	44	0.99838	0.02	1.99929	0.02	17-5205	15.02	1.2
	45	0.99839	0.03	1.99930	0.02	17-6106	15-15	1.2
	46	0.99841	0.02	1.99931	0.02	17-7015	15-32	1.2
	17	0.00919	0.09	1.00000	0.00	10.0041	18.14	1.0

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'	Sine.	D. 1".	Log Sin.	D. 1".	Tan.	D. 1".	L
0	0.99940	${ 0.02 \atop 0.02 \atop }$	$\frac{1.99974}{1.99974}$	0.00	$28.6363 \\ 28.8771$		1.
		$0.02 \\ 0.02$	1.99974 1.99975	0·02 0·00	29.1220 $29.3711$		1.
4		0.02	I-99975	0.02	29-6245		î.
5 6		$\substack{0.02\\0.02}$	1.99976 $1.99976$	$0.00 \\ 0.02$	29.8823 30.1446		1.
7 8	0.99946	$0.02 \\ 0.02$	1.99977 $1.99977$	0.00	$30.4116 \\ 30.6833$		1.
9	0.99948	0.02	1.99977	0.02	30-9599		1.
110 111 12	0.99949 0.99950 0.99951	$0.02 \\ 0.02 \\ 0.02$	1.99978 1.99978 1.99979	0.00 0.02 0.00	31.2416 $31.5284$ $31.8205$		1.
13		0.00 0.02	1.99979 1.99979	0.00	32.1181 $32.4213$		î. 1.
15	0.99953 0.99954	0·02 0·02	T-99980 T-99980	0.00	32.7303 33.0452		1.
17 18	0.99955 0.99956	$0.02 \\ 0.02$	1.99981 1.99981	0.00	33-3662 33-6935		1.
19	0.99957	0.02	1.99981 1.99982	0.02	34-0273 34-3678		1.
$\begin{bmatrix} 21\\22\\23 \end{bmatrix}$	0.99959 0.99959 0.99960	0.00 0.02 0.02	1.99982 1.99982 1.99983	0.00 0.02 0.00	34-7151 35-0695 35-4313	ate.	1· 1· 1·
24	0.99961	0.02	T-99983	0.00	35-8006	iceur	1.
25 26	0.99962	0.02	1.99983 1.99984	0.02	36·1776 36·5627	tly a	1
27 28 29	0.99963 0.99964 0.99965	0·02 0·02 0·02	T-99984 T-99984 T-99985	0.00 0.02 0.00	36-9560 37-3579 37-7686	sufficiently accurate.	1.
30	0.99966	0.00	T-99985	0.00	38-1885	ins :	1.
31	0.99966	0.02	1-99985 1-99986	0.02	38-6177 39-0568	25	1
33   34	0.99969	0·02 0·00	T-99986 T-99986	0.00 0.02	39-5655 39-9655	tion	1.
35 36	0.99969	$0.02 \\ 0.02$	Î-99987 Î-99987	0.00	40-4358 40-9174	Interpolation is not	1.
37 38	0.99971	0.02 0.00	1-99987 1-99988	0.00	$\frac{41 \cdot 4106}{41 \cdot 9158}$		1
89 40	0.99973	0.02	1-99988 1-99988	0.00 0.02	42-4335 42-9641	~	1.
41	0.99974	0.00	1.99989	0.00	43-5081		1
42	0.99974	0·02 0·02	1-99989 1-99989	0.00	44-0661 44-6386		1.
44	0.99976	0.00	1.99989	0.02	45-2261		1
45 46	0.99976	0.02 0.00	1-999990 1-99990	0.00	45-8294		1.

# TRIGONOMETRICAL FUNCTIONS & T

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ı		44.51.51.51.11.				171 2100	1.70808	12.17	57.2
		0.99985				58-2612	1.76538	12.37	58.2
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	3	0-99986	0.02	1.99994	0.00	60.3058	1.78036	12.82	60.3
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1	Б	0.99987	0.02	4.99994	0.02	62-4992	1.79587	13.28	62.5
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deleter	7	0 99988	0.05	4.99995	0.00	64.8580	1.81196	13.80	64.8
<b>Management</b>	8	0-99989	0.00	4.99995	0.00	66.1055	1.82024	14.05	66.1
<b>Management</b>	Ð	0-99989	0.00	1-99995	0.00	67.4019	1.82867	14.33	67.4
		0-99989				68.7501	1.83727	14.63	68.7
ì	11	0.99990	0.00	4-99996	0.00	70-1533	1.84605	14.92	70.1
į	12	0.99999	0.02	1-99996	0.00	71-6151	1.85500	15.25	71.0
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